

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\2014-07\\KVT"]
```

```
C:\\drorbn\\AcademicPensieve\\2014-07\\KVT
```

```
img = Import["Lake-8.png"]
```



```
Dimensions[im = ImageData[img]]
```

```
{256, 256, 3}
```

```
GraphicsGrid[Partition[
```

```
Table[
```

```
bs = 2^(8 - k);
```

```
ps = Graphics[
```

```
Raster[Reverse[Total[Partition[im, {bs, bs}], {3, 4}] / bs^2.]
```

```
],
```

```
ImageSize -> 256, ImagePadding -> None, PlotRangePadding -> None
```

```
];
```

```
Export["Lake-" <> ToString[k] <> ".png", ps];
```

```
ps,
```

```
{k, 0, 5}
```

```
], 2]]
```

