1. White (R: 255, G: 255, B: 255), Silver (R: 192, G: 192, B: 192), Coral (R: 255, G: 127, B: 80)
2. The lower the red values were, the darker it was.
3. Divide the binary number by 4 and then multiply it by 4
4. 183 starts off as 1011 0111, when it gets divided by 4 or 0100, the number becomes 0010 1101. Then when you multiply it by for or 0100, the number becomes 1011 0100 which is 183 with the last 2 numbers set as 0.
5. Table below

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 5 | 0000 0101 | 1 | 0000 0001 | 4 | 0000 0100 |
| 80 | 0101 0000 | 17 | 0001 0100 | 80 | 0101 0000 |

1. No, because the difference is too little for the human eye to easily detect.
2. Divide by 64
3. Isolate the right most 2 bits with “%4” and then multiply it by 64 to expand it from the range 0 to 256.
4. I would divide it by 10, 100, or whatever the place is to make sure the number we want to isolate is at the right-most side. Then I would do “%10” to the number to completely isolate the right-most number.
5. You don’t need to resize arch.jpg for it to fit in beach.jpg but you will need to resize beach.jpg to fit in arch.jpg.
6. Beach.jpg would need to become less wide for it to fit in arch.jpg.