

# Converting Colors

Decimal(80648)

Have a look what the booklet for  
Decimal(80648) contains.

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# Color

**Decimal(80648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	013B08
RGB	1, 59, 8
RGB Percent	0%, 23%, 3%
CMY	0.9961, 0.7686, 0.9686
CMYK	0.98, 0.00, 0.86, 0.77
HSL	127°, 97%, 12%
HSV	127°, 98%, 23%
XYZ	1.6203, 3.1519, 0.7527
YIQ	35.8440, -18.1970, -28.1570

# Conversions

## Conversions Part 2

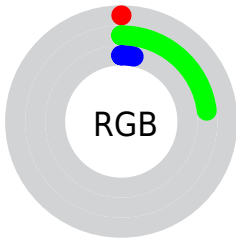
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 53, 59
Decimal	80648
CIE Lab	20.64, -29.26, 24.82
CIE LCh	21, 38.369, 139.687
Yxy	3.1519, 0.2933, 0.5705
Android (android.graphics.Color)	4278270728 (0xFF013B08)
YUV	35.8440, -13.7271, -30.5582
Hunter-Lab	17.7536, -14.7778, 9.9138

# Details

The Decimal color **80648** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3866932**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **3697461**, and **1024** is the 20% darker color. If you saturate the color by 10%, you get **15111**, and if you desaturate by 10%, it is **473869**.

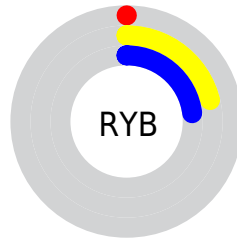
# Distribution



Red (0%)

Green (23%)

Blue (3%)



Red (0%)

Yellow (21%)

Blue (23%)

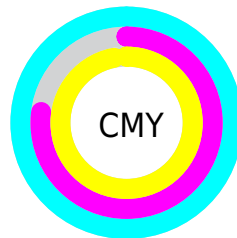


Cyan (98%)

Magenta (0%)

Yellow (86%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 80648 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 80648 by changing the saturation by 10% instead.





80648



80648



16056300



9472



3697461



1024



5342541



0



6987621



8764030



10540697



12317620



14155727



80648



80648

■ 15111

■ 473869

■ 867090

■ 1260312

■ 1653533

■ 1981218

■ 2374439

■ 2767660

■ 3160882

■ 3554103

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2962944



80648



15655

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80648



14442



6427169

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80648



3866932

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6165053



80648



1453927

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80648



15708



4792407



5840899

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80648



15930



4792407



6491946



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80648



3558713



3422977



1648154



10921638



2500134



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80648



19721



80677



1842972



24075



56859



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3866932



5046339



3866903



2038814



6160467

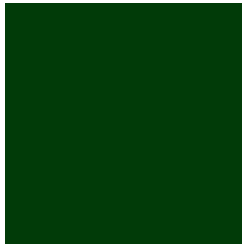


14549187



# Previews

## White Background



This preview shows how the Decimal color 80648 looks on a white background.

## Color Contrast Check

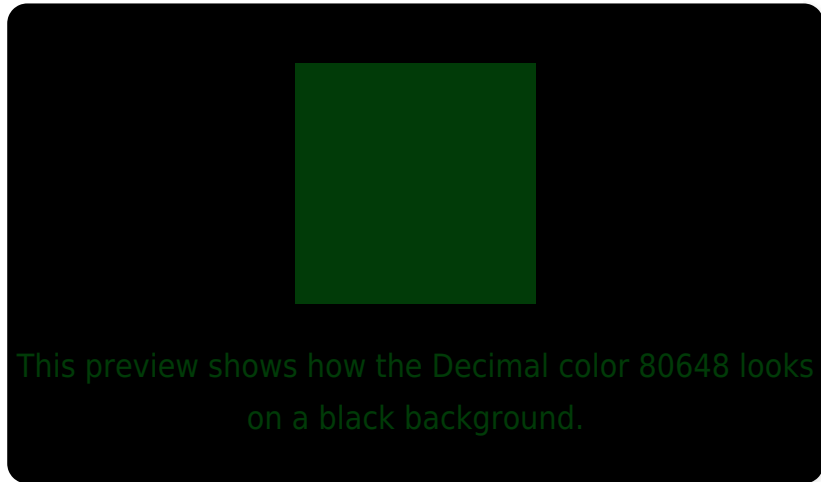
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

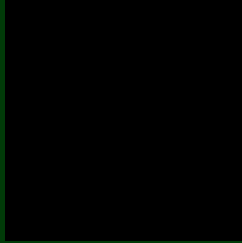
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 80648 Background



This preview shows how black text looks on a background with the Decimal color 80648.



This preview shows how white text looks on a background with the Decimal color 80648.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

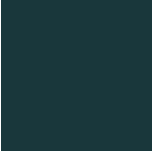
## Dichromacy



**Original Color**  
80648

**Protanopia**  
3748613

**Deuteranopia**  
4141071



**Tritanopia**  
1652539

# Trichromacy



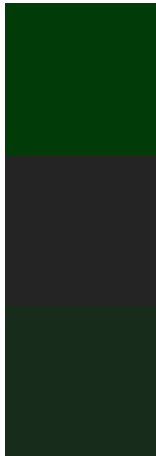
**Original Color**  
80648

**Protanomaly**  
2438662

**Deuteranomaly**  
2634764

**Tritanomaly**  
1062952

# Monochromacy



**Original Color**  
80648

**Achromatopsia**  
2368548

**Achromatomaly**  
1518618

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 80648 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #013B08 looks like.

```
.text, #text, p{  
    color:#013B08  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #013B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013B08
}
```

## Border

The CSS property to change the border of an element to Decimal 80648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#013B08 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#013B08 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #013B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013B08; -webkit-box-shadow:4px 4px  
4px 4px #013B08; box-shadow:4px 4px 4px  
4px #013B08 }
```

# Background

The CSS property to change the background color of an element to Decimal 80648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013B08 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#013B08 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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