

# Converting Colors

Decimal(6817814)

Have a look what the booklet for  
Decimal(6817814) contains.

<b>Decimal(6817814)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6817814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	680816
RGB	104, 8, 22
RGB Percent	41%, 3%, 9%
CMY	0.5922, 0.9686, 0.9137
CMYK	0.00, 0.92, 0.79, 0.59
HSL	351°, 86%, 22%
HSV	351°, 92%, 41%
XYZ	5.9406, 3.1746, 1.0587
YIQ	38.3000, 52.7220, 24.7060

# Conversions

## Conversions Part 2

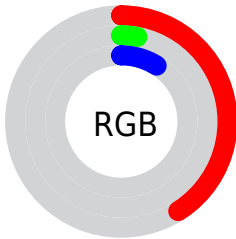
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	104, 8, 22
Decimal	6817814
CIE Lab	20.73, 40.11, 20.64
CIE LCh	21, 45.106, 27.232
Yxy	3.1746, 0.5839, 0.3120
Android (android.graphics.Color)	4285007894 (0xFF680816)
YUV	38.3000, -8.0359, 57.6189
Hunter-Lab	17.8175, 28.3332, 8.9493

# Details

The Decimal color **6817814** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **551002**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **10568000**, and **3342337** is the 20% darker color. If you saturate the color by 10%, you get **6815759**, and if you desaturate by 10%, it is **6820383**.

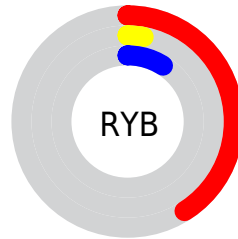
# Distribution



Red (41%)

Green (3%)

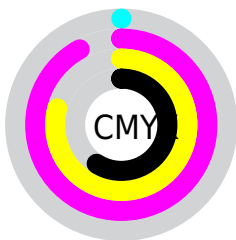
Blue (9%)



Red (41%)

Yellow (3%)

Blue (9%)

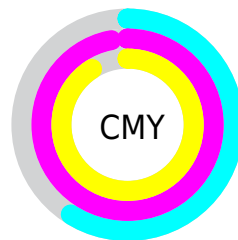


Cyan (0%)

Magenta (92%)

Yellow (79%)

Black (59%)



Cyan (59%)

Magenta (97%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6817814 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 6817814 by changing the saturation by 10% instead.



 6817814

 6817814

 16777207

 5046272

 10568000

 3342337

 12474968

 0

 14447728

 16420746

 16755364

 16762559

 16769755

 6817814

 6817814

■ 6815759

■ 6820383

■ 6823208

■ 6825777

■ 6828602

■ 6831170

■ 6833739

■ 6836564

■ 6839133

■ 6841958

# Harmonies

## Analogous

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



6815798



6817814



5906432

# Triad

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



6817814



15625



14197

# Complementary

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



6817814



551002

# 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.



15978



6817814



16174

# Square

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



6817814



2177280



16464



2370158

# Rectangle

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



6817814



4860672



16464



14963



# Sweetspot

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



6817814



8872295



5900392



4533553



12895428



4539717



# Same Dimension

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



6817814



8847380



6826504



3354159



7536657



15859747



# Inverse Universe

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



6817814



8847380



542312



3354159



7536657

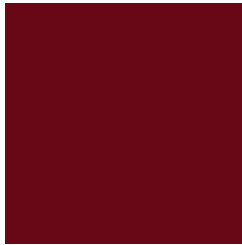


15859747



# Previews

## White Background



This preview shows how the Decimal color 6817814 looks on a white background.

## Color Contrast Check

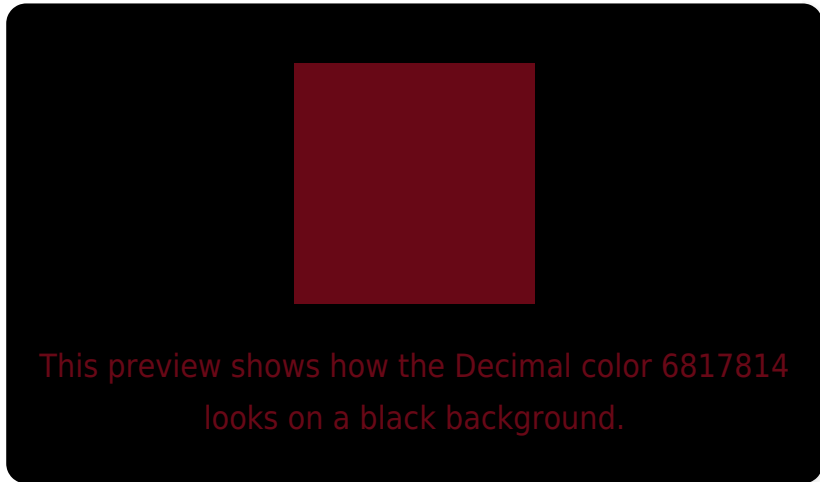
Large Text (above 18pt) WCAG AA ✓ Pass

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 6817814 Background



This preview shows how black text looks on a background with the Decimal color 6817814.



This preview shows how white text looks on a background with the Decimal color 6817814.

# 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**  
6817814

**Protanopia**  
3814689

**Deuteranopia**  
4338191



# Trichromacy



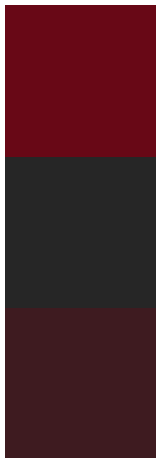
**Original Color**  
6817814

**Protanomaly**  
4924701

**Deuteranomaly**  
5251858

**Tritanomaly**  
6818573

# Monochromacy



**Original Color**  
6817814

**Achromatopsia**  
2500134

**Achromatomaly**  
4070176

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6817814 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 #680816 looks like.

```
.text, #text, p{  
  color:#680816  
}
```

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 #680816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680816 }  
}
```

## Border

The CSS property to change the border of an element to Decimal 6817814 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".

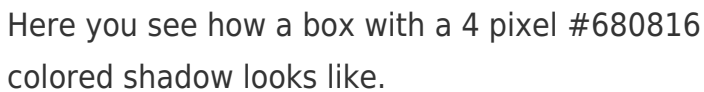
```
.border, #border, table{ border:4px solid #680816 }  
}
```

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

```
.border{ border-color:#680816 }
```

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

Here you see how a box with a 4 pixel #680816 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #680816 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680816; -webkit-box-shadow:4px 4px  
4px 4px #680816; box-shadow:4px 4px 4px  
4px #680816 }
```

# Background

The CSS property to change the background color of an element to Decimal 6817814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680816 }
```

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

```
.background{ background-color:#680816 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor