

# Converting Colors

Decimal(6718668)

Have a look what the booklet for  
Decimal(6718668) contains.

<b>Decimal(6718668)</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(6718668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6684CC
RGB	102, 132, 204
RGB Percent	40%, 52%, 80%
CMY	0.6000, 0.4824, 0.2000
CMYK	0.50, 0.35, 0.00, 0.20
HSL	222°, 50%, 60%
HSV	222°, 50%, 80%
XYZ	24.6298, 23.6869, 60.4006
YIQ	131.2380, -40.9920, 16.0320

# Conversions

## Conversions Part 2

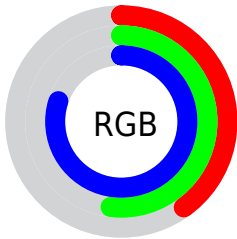
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 125, 204
Decimal	6718668
CIE Lab	55.77, 9.40, -40.59
CIE LCh	56, 41.661, 283.045
Yxy	23.6869, 0.2265, 0.2179
Android (android.graphics.Color)	4284908748 (0xFF6684CC)
YUV	131.2380, 35.8717, -25.6417
Hunter-Lab	48.6692, 5.1616, -39.5130

# Details

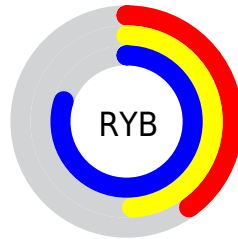
The Decimal color **6718668** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **13413990**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **10402303**, and **2904981** is the 20% darker color. If you saturate the color by 10%, you get **5404364**, and if you desaturate by 10%, it is **8032972**.

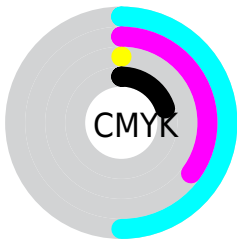
# Distribution



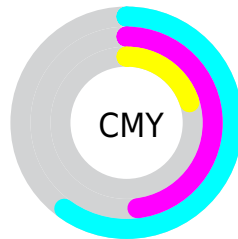
- Red (40%)
- Green (52%)
- Blue (80%)



- Red (40%)
- Yellow (49%)
- Blue (80%)



- Cyan (50%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (48%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6718668 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 6718668 by changing the saturation by 10% instead.



■ 6718668

■ 6718668

16777215

■ 4877232

■ 10402303

■ 2904981

■ 12309759

■ 15483

■ 14217727

■ 10082

■ 16121855

■ 4938

■ 1074

■ 541

■ 0

■ 6718668

■ 6718668

■ 5404364

■ 8032972

■ 4024268

■ 9413068

■ 2709964

■ 10727372

■ 1329868

■ 12107468

■ 15564

■ 13421772

■ 14736076

■ 16116172

■ 16775116

■ 16777164

# Harmonies

## Analogous

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



36810



6718668



10319547

# Triad

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



6718668



12808022



2856815

# Complementary

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



6718668



13413990

# 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.



6591055



6718668



11304000

# Square

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



6718668



13264759



9210172



39061

# Rectangle

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



6718668



11890087



9210172



4363620



# Sweetspot

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



6718668



14279935



6737069



6909824



0



8421504



# Same Dimension

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



6718668



6722559



8021708



6053734



12710



2854



# Inverse Universe

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



13395588



16737939



12110950



6708319



10879025

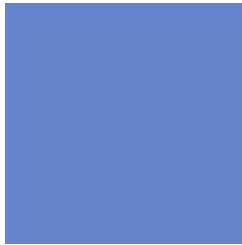


2490379



# Previews

## White Background



This preview shows how the Decimal color 6718668 looks on a white background.

## Color Contrast Check

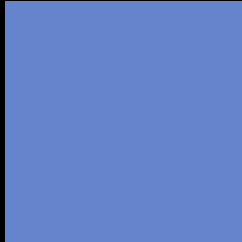
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 6718668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

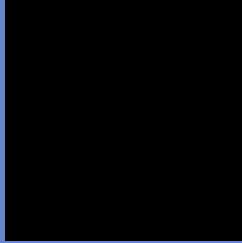
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6718668 Background



This preview shows how black text looks on a background with the Decimal color 6718668.

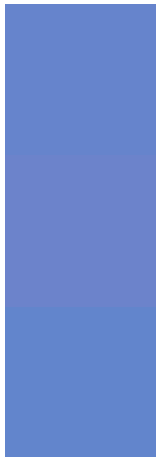


This preview shows how white text looks on a background with the Decimal color 6718668.

# 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**  
6718668

**Protanopia**  
7111627

**Deuteranopia**  
6456780



**Tritanopia**  
5672602

# Trichromacy



**Original Color**  
6718668

**Protanomaly**  
6980555

**Deuteranomaly**  
6522316

**Tritanomaly**  
6064812

# Monochromacy



**Original Color**  
6718668

**Achromatopsia**  
8618883

**Achromatomaly**  
7898014

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6718668 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 #6684CC looks like.

```
.text, #text, p{  
  color:#6684CC  
}
```

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 #6684CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6684CC
}
```

## Border

The CSS property to change the border of an element to Decimal 6718668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

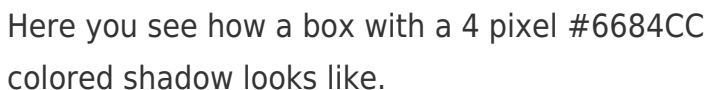
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6684CC }
```

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

```
.border{ border-color:#6684CC }
```

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



Here you see how a box with a 4 pixel #6684CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6684CC; -webkit-box-shadow:4px 4px  
4px 4px #6684CC; box-shadow:4px 4px 4px  
4px #6684CC }
```

# Background

The CSS property to change the background color of an element to Decimal 6718668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6684CC }
```

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

```
.background{ background-color:#6684CC }
```

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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