

# Converting Colors

Decimal(6714803)

Have a look what the booklet for  
Decimal(6714803) contains.

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# Color

**Decimal(6714803)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6675B3
RGB	102, 117, 179
RGB Percent	40%, 46%, 70%
CMY	0.6000, 0.5412, 0.2980
CMYK	0.43, 0.35, 0.00, 0.30
HSL	228°, 34%, 55%
HSV	228°, 43%, 70%
XYZ	19.9775, 18.8020, 45.2241
YIQ	119.5830, -28.8420, 16.1020

# Conversions

## Conversions Part 2

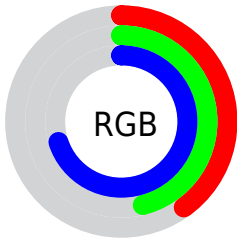
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 115, 179
Decimal	6714803
CIE <sub>Lab</sub>	50.45, 10.84, -34.64
CIE <sub>LCh</sub>	50, 36.301, 287.375
Yxy	18.8020, 0.2378, 0.2238
Android (android.graphics.Color)	4284904883 (0xFF6675B3)
YUV	119.5830, 29.2926, -15.4203
Hunter-Lab	43.3613, 6.3564, -31.4841

# Details

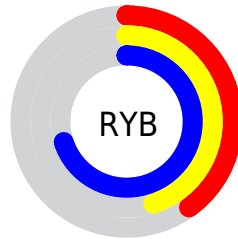
The Decimal color **6714803** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11773030**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10267115**, and **3229054** is the 20% darker color. If you saturate the color by 10%, you get **5531571**, and if you desaturate by 10%, it is **7898035**.

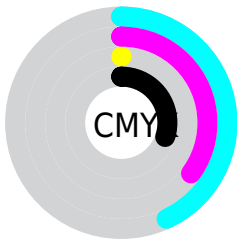
# Distribution



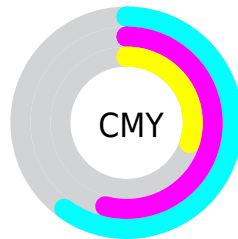
- Red (40%)
- Green (46%)
- Blue (70%)



- Red (40%)
- Yellow (45%)
- Blue (70%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (30%)



- Cyan (60%)
- Magenta (54%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6714803 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 6714803 by changing the saturation by 10% instead.



■ 6714803

■ 6714803

16777215

■ 5004440

■ 10267115

■ 3229054

■ 12109055

■ 1191781

■ 13951231

■ 6988

■ 15859199

■ 53

■ 543

■ 2

■ 0

■ 6714803

■ 6714803

■ 5531571

■ 7898035

■ 4348083

■ 9081523

■ 3164851

■ 10264755

■ 1981363

■ 11448243

■ 863667

■ 12631475

■ 9139

■ 13749171

■ 14932659

■ 16115891

■ 16775091

# Harmonies

## Analogous

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



2129844



6714803



9529762

# Triad

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



6714803



11233100



2459498

# Complementary

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



6714803



11773030

# 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.



5669709



6714803



9859643

# Square

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



6714803



11755367



7961659



34954

# Rectangle

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



6714803



10838673



7961659



3769951



# Sweetspot

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



6714803



13291752



6730660



6514293



16119285



7697781



# Same Dimension

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



6714803



7309288



8218291



5263961



7833



1306



# Inverse Universe

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



11757173



15232903



10269542



5853266



10027038

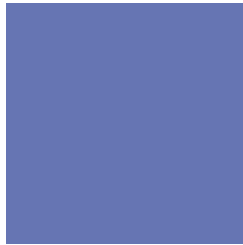


1703941



# Previews

## White Background



This preview shows how the Decimal color 6714803 looks on a white background.

## Color Contrast Check

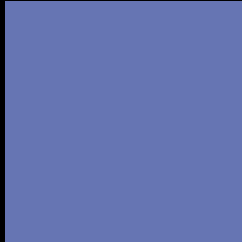
Large Text (above 18pt) WCAG AA ✓ Pass

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 6714803 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

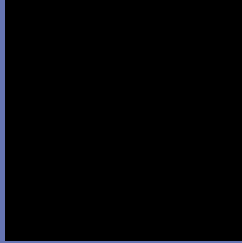
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6714803 Background



This preview shows how black text looks on a background with the Decimal color 6714803.

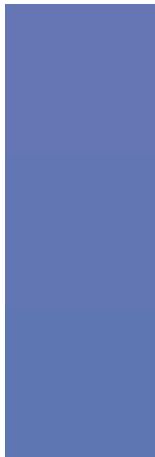


This preview shows how white text looks on a background with the Decimal color 6714803.

# 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



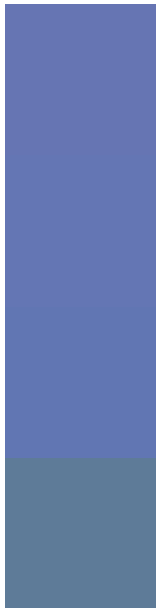
**Original Color**  
6714803

**Protanopia**  
6518452

**Deuteranopia**  
6191027



# Trichromacy



**Original Color**  
6714803

**Protanomaly**  
6583988

**Deuteranomaly**  
6387379

**Tritanomaly**  
6192024

# Monochromacy



**Original Color**  
6714803

**Achromatopsia**  
7895160

**Achromatomaly**  
7436173

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6714803 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 #6675B3 looks like.

```
.text, #text, p{  
    color:#6675B3  
}
```

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 #6675B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6675B3
}
```

## Border

The CSS property to change the border of an element to Decimal 6714803 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
#6675B3 }
```

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

```
.border{ border-color:#6675B3 }
```

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

Here you see how a box with a 4 pixel #6675B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6675B3; -webkit-box-shadow:4px 4px  
4px 4px #6675B3; box-shadow:4px 4px 4px  
4px #6675B3 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #6675B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6675B3 }
```

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

```
.background{ background-color:#6675B3 }
```

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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