

Converting Colors

Decimal(6716613)

Have a look what the booklet for
Decimal(6716613) contains.

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Color

Decimal(6716613)

Conversions

Conversions Part 1

Format	Color
Hex	667CC5
RGB	102, 124, 197
RGB Percent	40%, 49%, 77%
CMY	0.6000, 0.5137, 0.2275
CMYK	0.48, 0.37, 0.00, 0.23
HSL	226°, 45%, 59%
HSV	226°, 48%, 77%
XYZ	22.7652, 21.2713, 55.7292
YIQ	125.7440, -36.5450, 18.0390

Conversions

Conversions Part 2

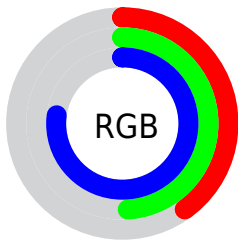
Format	Color
R_{YB}	102, 120, 197
Decimal	6716613
CIE _{Lab}	53.25, 12.04, -40.59
CIE _{LCh}	53, 42.343, 286.525
Yxy	21.2713, 0.2282, 0.2132
Android (android.graphics.Color)	4284906693 (0xFF667CC5)
YUV	125.7440, 35.1292, -20.8235
Hunter-Lab	46.1208, 7.3960, -39.3574

Details

The Decimal color **6716613** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12955494**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **10334462**, and **2968719** is the 20% darker color. If you saturate the color by 10%, you get **5402053**, and if you desaturate by 10%, it is **8031173**.

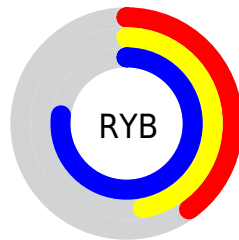
Distribution



Red (40%)

Green (49%)

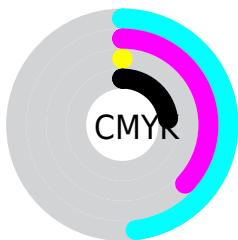
Blue (77%)



Red (40%)

Yellow (47%)

Blue (77%)

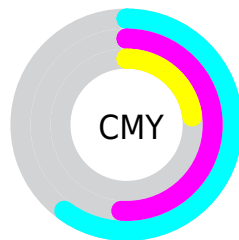


Cyan (48%)

Magenta (37%)

Yellow (0%)

Black (23%)



Cyan (60%)

Magenta (51%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6716613 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 6716613 by changing the saturation by 10% instead.

■ 6716613

■ 6716613

16777215

■ 4875177

■ 10334462

■ 2968719

■ 12242175

■ 210293

■ 14149887

■ 8540

■ 16056319

■ 2372

■ 813

■ 279

■ 0

■ 6716613

■ 6716613

■ 5402053

■ 8031173

■ 4153029

■ 9280197

■ 2838469

■ 10594757

■ 1523653

■ 11909573

■ 274629

■ 13224133

■ 11973

■ 14473157

■ 15787717

■ 16774597

■ 16777157

Harmonies

Analogous

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



35014



6716613



10186418

Triad

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



6716613



12216908



823405

Complementary

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



6716613



12955494

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.



5737547



6716613



10647351

Square

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



6716613



12869996



8487734



37523

Rectangle

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



6716613



11691421



8487734



3247969

Sweetspot

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



6716613



14411007



6735279



6975360



0



8421504

Same Dimension

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



6716613



7048703



8349381



5921891



9891



2084

Inverse Universe

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



12936828



16739213



11322726



6511196



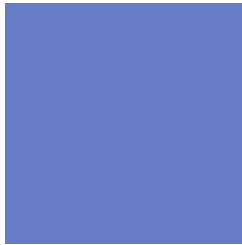
10682406



2359304

Previews

White Background



This preview shows how the Decimal color 6716613 looks on a white background.

Color Contrast Check

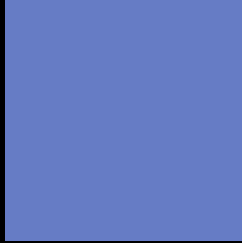
Large Text (above 18pt) WCAG AA ✓ Pass

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 6716613 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 6716613 Background



This preview shows how black text looks on a background with the Decimal color 6716613.

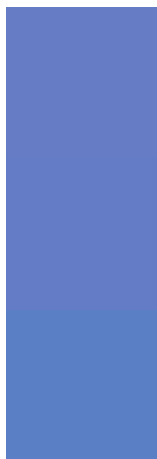


This preview shows how white text looks on a background with the Decimal color 6716613.

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
6716613

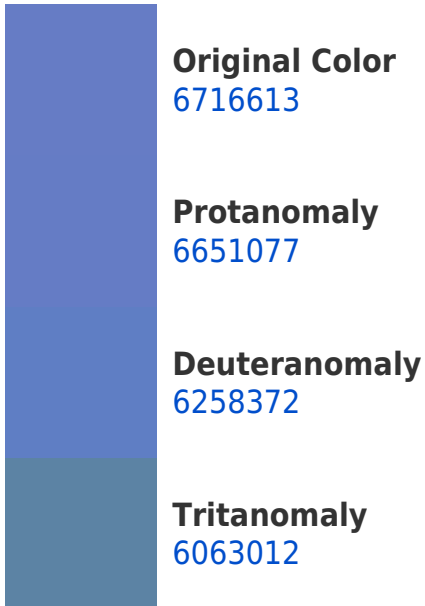
Protanopia
6585541

Deuteranopia
5996484



Tritanopia
5670801

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6716613 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 #667CC5 looks like.

```
.text, #text, p{  
    color:#667CC5  
}
```

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 #667CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667CC5
}
```

Border

The CSS property to change the border of an element to Decimal 6716613 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
#667CC5 }
```

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

```
.border{ border-color:#667CC5 }
```

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

Here you see how a box with a 4 pixel #667CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667CC5; -webkit-box-shadow:4px 4px  
4px 4px #667CC5; box-shadow:4px 4px 4px  
4px #667CC5 }
```

Background

The CSS property to change the background color of an element to Decimal 6716613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667CC5 }
```

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

```
.background{ background-color:#667CC5 }
```

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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