

Converting Colors

Hex(666ACC)

Have a look what the booklet for
Hex(666ACC) contains.

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Color

Hex(666ACC)

Conversions

Conversions Part 1

Format	Color
Hex	666ACC
RGB	102, 106, 204
RGB Percent	40%, 42%, 80%
CMY	0.6000, 0.5843, 0.2000
CMYK	0.50, 0.48, 0.00, 0.20
HSL	238°, 50%, 60%
HSV	238°, 50%, 80%
XYZ	21.5326, 17.4925, 59.3682
YIQ	115.9760, -33.8420, 29.6300

Conversions

Conversions Part 2

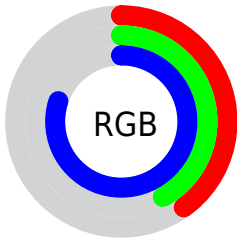
Format	Color
R _Y B	102, 106, 204
Decimal	6712012
CIE _{Lab}	48.87, 25.17, -51.54
CIE _{LCh}	49, 57.357, 296.033
Y _{xy}	17.4925, 0.2188, 0.1778
Android (android.graphics.Color)	4284902092 (0xFF666ACC)
Y _{UV}	115.9760, 43.3958, -12.2570
Hunter-Lab	41.8240, 18.7066, -54.8840

Details

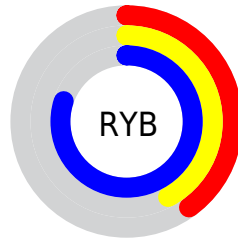
The Hex color **666ACC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CCC866**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9F9DFF**, and **2A3B95** is the 20% darker color. If you saturate the color by 10%, you get **5256CC**, and if you desaturate by 10%, it is **7A7ECC**.

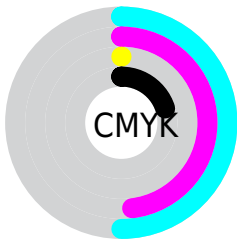
Distribution



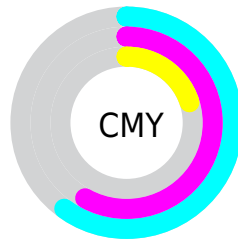
- Red (40%)
- Green (42%)
- Blue (80%)



- Red (40%)
- Yellow (42%)
- Blue (80%)



- Cyan (50%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666ACC 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 Hex color 666ACC by changing the saturation by 10% instead.

 666ACC

 666ACC

FFFFFF

 4952B0

 9F9DFF

 2A3B95

 BBB8FF

 00267B

 D9D4FF


 001261

 F6F0FF

 000049

 000431

 00011B

 000000

 666ACC

 666ACC

■ 5256CC

■ 7A7ECC

■ 3D43CC

■ 8F91CC

■ 292FCC

■ A3A5CC

■ 141CCC

■ B8B8CC

■ 0008CC

■ CCCCCC

■ E0E0CC

■ F5F3CC

■ FFFFCC

Harmonies

Analogous

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



007CD5



666ACC



A853AB

Triad

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



666ACC



B45C21



008A6C

Complementary

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



666ACC



CCC866

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.



0E863A



666ACC



917000

Square

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



666ACC



C9484D



627E09



008A9D

Rectangle

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



666ACC



C0468D



627E09



00895B

Sweetspot

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



666ACC



D9DAFF



66CCC7



696980



000000



808080

Same Dimension

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



666ACC



666CFF



9466CC



5C5C66



0006A6



000126

Inverse Universe

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



CC666A



FF666C



9ECC66



665C5C



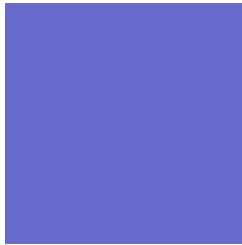
A60007



260002

Previews

White Background



This preview shows how the Hex color 666ACC looks on a white background.

Color Contrast Check

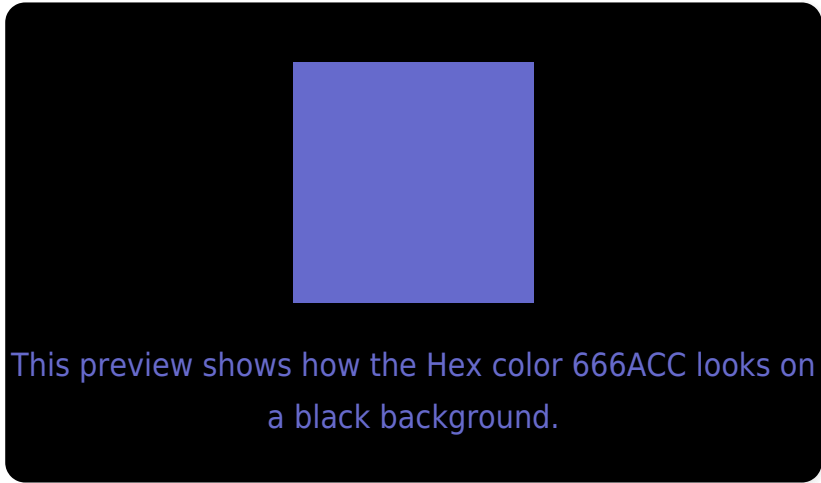
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

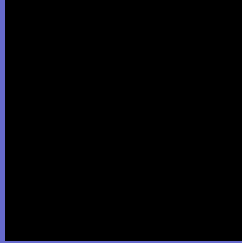
Any Text WCAG AA ✓ Pass

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](#).

Hex 666ACC Background



This preview shows how black text looks on a background with the Hex color 666ACC.

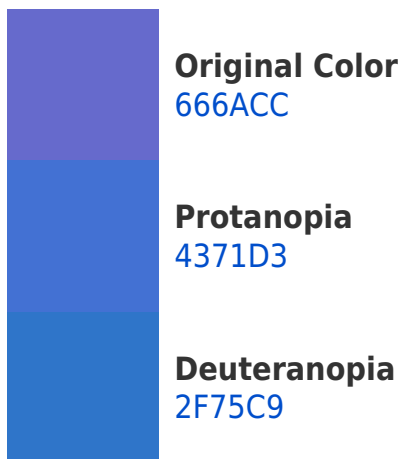


This preview shows how white text looks on a background with the Hex color 666ACC.

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](#).

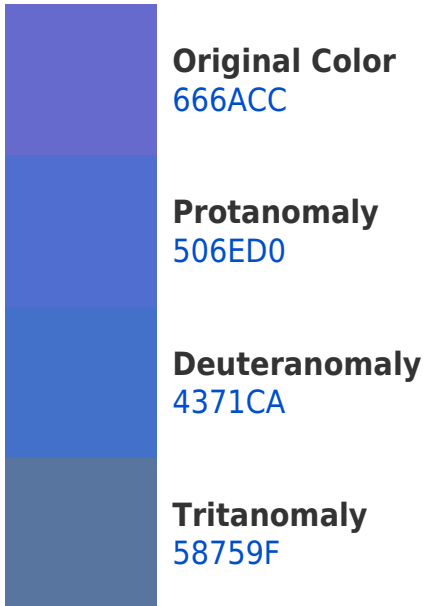
Dichromacy



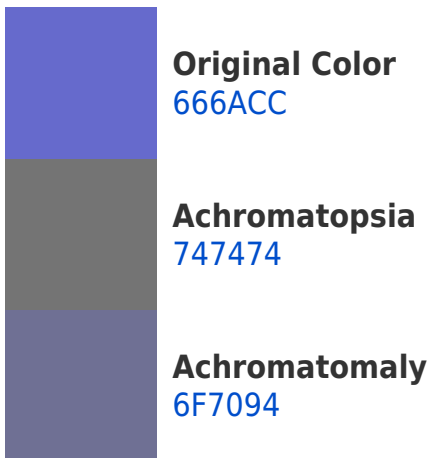


Tritanopia
507B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 666ACC 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 #666ACC looks like.

```
.text, #text, p{  
    color:#666ACC  
}
```

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 #666ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666ACC
}
```

Border

The CSS property to change the border of an element to Hex 666ACC 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
#666ACC }
```

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

```
.border{ border-color:#666ACC }
```

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

Here you see how a box with a 4 pixel #666ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666ACC; -webkit-box-shadow:4px 4px  
4px 4px #666ACC; box-shadow:4px 4px 4px  
4px #666ACC }
```

Background

The CSS property to change the background color of an element to Hex 666ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666ACC }
```

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

```
.background{ background-color:#666ACC }
```

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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