

Converting Colors

Hex(6690CC)

Have a look what the booklet for
Hex(6690CC) contains.

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Color

Hex(6690CC)

Conversions

Conversions Part 1

Format	Color
Hex	6690CC
RGB	102, 144, 204
RGB Percent	40%, 56%, 80%
CMY	0.6000, 0.4353, 0.2000
CMYK	0.50, 0.29, 0.00, 0.20
HSL	215°, 50%, 60%
HSV	215°, 50%, 80%
XYZ	26.3518, 27.1309, 60.9746
YIQ	138.2820, -44.2920, 9.7560

Conversions

Conversions Part 2

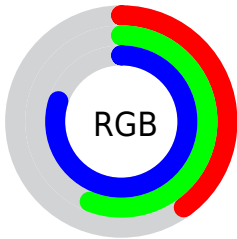
Format	Color
RYB	102, 132, 204
Decimal	6721740
CIELab	59.10, 2.35, -35.38
CIELCh	59, 35.455, 273.793
Yxy	27.1309, 0.2302, 0.2370
Android (android.graphics.Color)	4284911820 (0xFF6690CC)
YUV	138.2820, 32.3990, -31.8193
Hunter-Lab	52.0874, -0.8469, -32.9451

Details

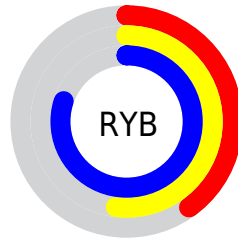
The Hex color **6690CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA266**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9EC6FF**, and **2C5E95** is the 20% darker color. If you saturate the color by 10%, you get **5284CC**, and if you desaturate by 10%, it is **7A9CCC**.

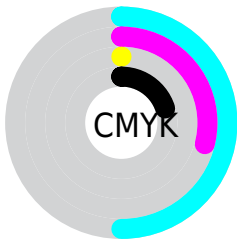
Distribution



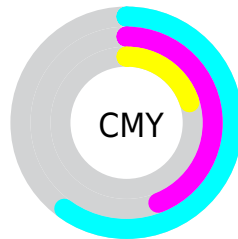
- Red (40%)
- Green (56%)
- Blue (80%)



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



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6690CC 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 6690CC by changing the saturation by 10% instead.

■ 6690CC

■ 6690CC

FFFFFF

■ 4A76B0

■ 9EC6FF

■ 2C5E95

■ BAE2FF

■ 00477B

■ D7FEFF

■ 003162

■ F5FFFF

■ 001C4A

■ 000433

■ 00021D

■ 000000

■ 6690CC

■ 6690CC

■ 5284CC

■ 7A9CCC

■ 3D78CC

■ 8FA8CC

■ 296CCC

■ A3B4CC

■ 1460CC

■ B8C0CC

■ 0054CC

■ CCCCCC

■ E0D8CC

■ F5E4CC

■ FFF0CC

■ FFFCCC

Harmonies

Analogous

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



2599C5



6690CC



9785C2

Triad

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



6690CC



C8796D



579C72

Complementary

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



6690CC



CCA266

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.



7E9759



6690CC



B98357

Square

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



6690CC



C9758B



9E8E4F



249F91

Rectangle

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



6690CC



AF7DB3



9E8E4F



659B68

Sweetspot

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



6690CC



D9E8FF



66CCA2



697280



000000



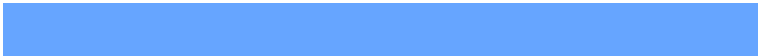
808080

Same Dimension

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



6690CC



66A5FF



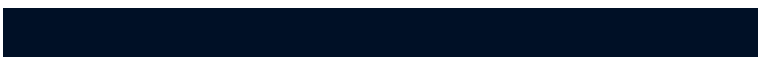
6F66CC



5C6066



0044A6



001026

Inverse Universe

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



CC6690



FF66A5



C4CC66



665C60



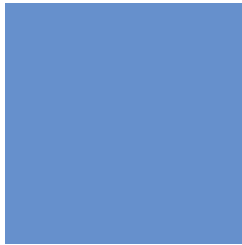
A60044



260010

Previews

White Background



This preview shows how the Hex color 6690CC looks on a white background.

Color Contrast Check

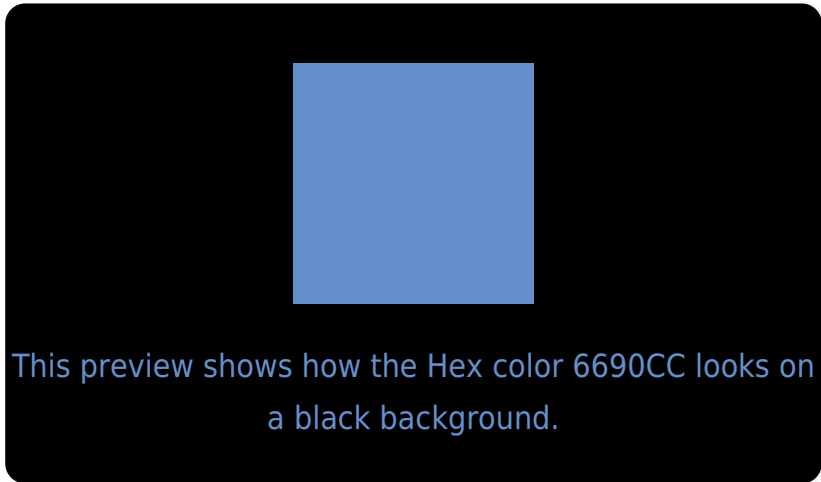
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

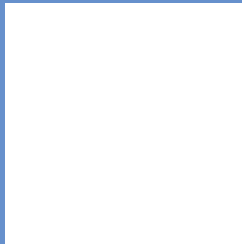
Any Text WCAG AAA × Fail

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

Hex 6690CC Background



This preview shows how black text looks on a background with the Hex color 6690CC.



This preview shows how white text looks on a background with the Hex color 6690CC.

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](#).

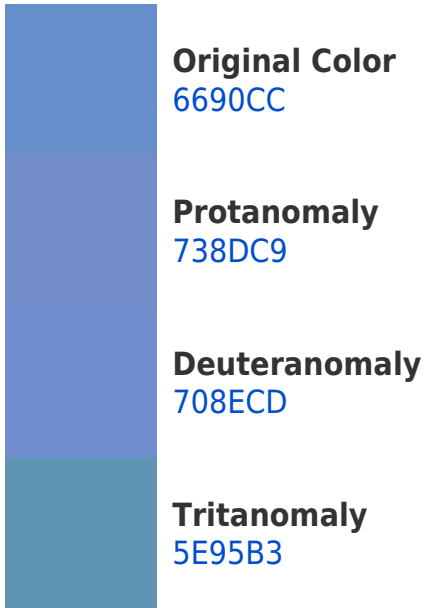
Dichromacy



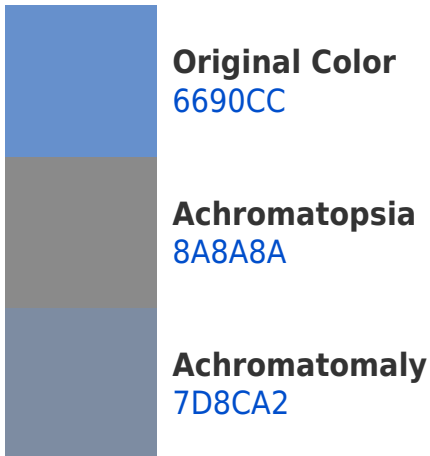


Tritanopia
5998A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6690CC 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 #6690CC looks like.

```
.text, #text, p{  
    color:#6690CC  
}
```

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 #6690CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6690CC  
}
```

Border

The CSS property to change the border of an element to Hex 6690CC 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  
#6690CC }
```

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

```
.border{ border-color:#6690CC }
```

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

Here you see how a box with a 4 pixel #6690CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6690CC; -webkit-box-shadow:4px 4px  
4px 4px #6690CC; box-shadow:4px 4px 4px  
4px #6690CC }
```

Background

The CSS property to change the background color of an element to Hex 6690CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6690CC }
```

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

```
.background{ background-color:#6690CC }
```

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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