

Converting Colors

Hex(6686C2)

Have a look what the booklet for
Hex(6686C2) contains.

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Color

Hex(6686C2)

Conversions

Conversions Part 1

Format	Color
Hex	6686C2
RGB	102, 134, 194
RGB Percent	40%, 53%, 76%
CMY	0.6000, 0.4745, 0.2392
CMYK	0.47, 0.31, 0.00, 0.24
HSL	219°, 43%, 58%
HSV	219°, 47%, 76%
XYZ	23.7422, 23.7700, 54.3757
YIQ	131.2720, -38.3320, 11.8760

Conversions

Conversions Part 2

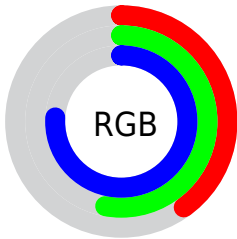
Format	Color
R_{YB}	102, 126, 194
Decimal	6719170
CIE _{Lab}	55.86, 5.17, -34.79
CIE _{LCh}	56, 35.167, 278.448
Yxy	23.7700, 0.2330, 0.2333
Android (android.graphics.Color)	4284909250 (0xFF6686C2)
YUV	131.2720, 30.9249, -25.6715
Hunter-Lab	48.7545, 1.6045, -31.9977

Details

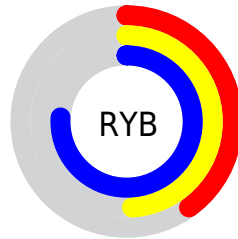
The Hex color **6686C2** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C2A266**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9DBBFB**, and **2E558C** is the 20% darker color. If you saturate the color by 10%, you get **5379C2**, and if you desaturate by 10%, it is **7993C2**.

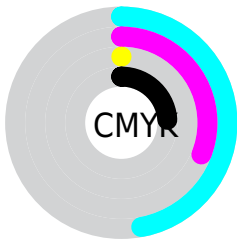
Distribution



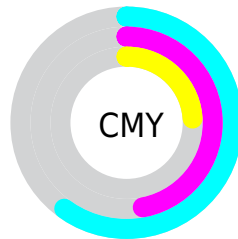
- Red (40%)
- Green (53%)
- Blue (76%)



- Red (40%)
- Yellow (49%)
- Blue (76%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6686C2 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 6686C2 by changing the saturation by 10% instead.



6686C2



6686C2

FFFFFF



4B6DA7



9DBBFB



2E558C



B9D7FF



073E72



D6F3FF



002859



F3FFFF



001442



00032B



000115



000000



6686C2



6686C2

■ 5379C2

■ 7993C2

■ 3F6DC2

■ 8D9FC2

■ 2C60C2

■ A0ACC2

■ 1853C2

■ B4B9C2

■ 0547C2

■ C7C5C2

■ 0043C2

■ DAD2C2

■ EEDFC2

■ FFEBC2

■ FFF8C2

Harmonies

Analogous

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



258FBE



6686C2



947BB6

Triad

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



6686C2



BD7261



48946E

Complementary

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



6686C2



C2A266

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.



708F55



6686C2



AC7C4D

Square

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



6686C2



C06D7E



918748



03968E

Rectangle

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



6686C2



AB74A6



918748



579365

Sweetspot

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



6686C2



D9E5FC



66C2A2



6A7180



000000



808080

Same Dimension

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



6686C2



6D9FFC



7466C2



575B61



0038A1



000C21

Inverse Universe

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



C26686



FC6D9F



B4C266



61575B



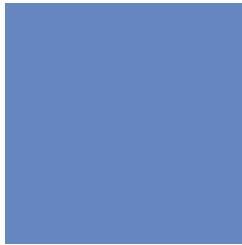
A10038



21000C

Previews

White Background



This preview shows how the Hex color 6686C2 looks on a white background.

Color Contrast Check

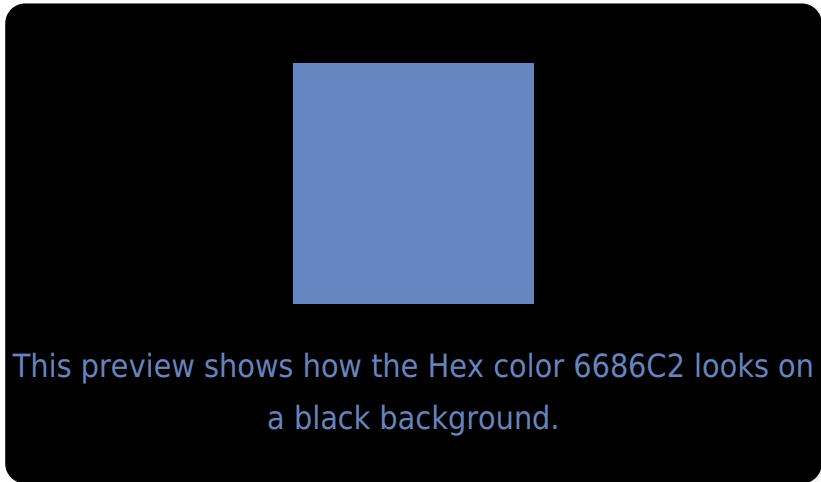
Large Text (above 18pt) WCAG AA ✓ Pass

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

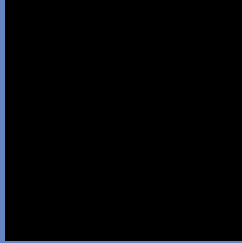
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

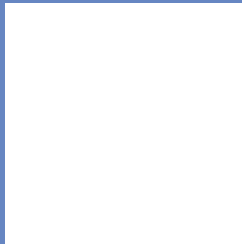
Any Text WCAG AAA × Fail

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

Hex 6686C2 Background



This preview shows how black text looks on a background with the Hex color 6686C2.

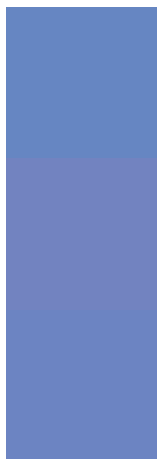


This preview shows how white text looks on a background with the Hex color 6686C2.

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](#).

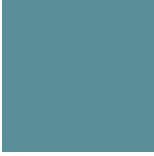
Dichromacy



Original Color
6686C2

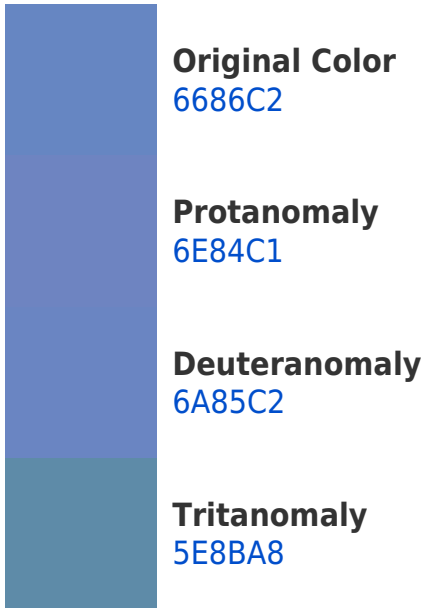
Protanopia
7283C0

Deuteranopia
6C84C2



Tritanopia
5A8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6686C2 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 #6686C2 looks like.

```
.text, #text, p{  
    color:#6686C2  
}
```

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 #6686C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6686C2
}
```

Border

The CSS property to change the border of an element to Hex 6686C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

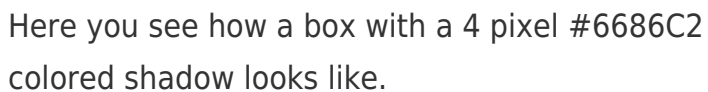
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6686C2 }
```

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

```
.border{ border-color:#6686C2 }
```

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



Here you see how a box with a 4 pixel #6686C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6686C2; -webkit-box-shadow:4px 4px  
4px 4px #6686C2; box-shadow:4px 4px 4px  
4px #6686C2 }
```

Background

The CSS property to change the background color of an element to Hex 6686C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6686C2 }
```

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

```
.background{ background-color:#6686C2 }
```

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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