

Converting Colors

Hex(6683C1)

Have a look what the booklet for
Hex(6683C1) contains.

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Color

Hex(6683C1)

Conversions

Conversions Part 1

Format	Color
Hex	6683C1
RGB	102, 131, 193
RGB Percent	40%, 51%, 76%
CMY	0.6000, 0.4863, 0.2431
CMYK	0.47, 0.32, 0.00, 0.24
HSL	221°, 42%, 58%
HSV	221°, 47%, 76%
XYZ	23.2214, 22.9076, 53.6498
YIQ	129.3970, -37.1860, 13.1340

Conversions

Conversions Part 2

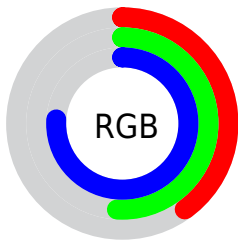
Format	Color
R_{YB}	102, 124, 193
Decimal	6718401
CIE _{Lab}	54.98, 6.64, -35.59
CIE _{LCh}	55, 36.206, 280.566
Yxy	22.9076, 0.2327, 0.2296
Android (android.graphics.Color)	4284908481 (0xFF6683C1)
YUV	129.3970, 31.3563, -24.0272
Hunter-Lab	47.8619, 2.8455, -32.9565

Details

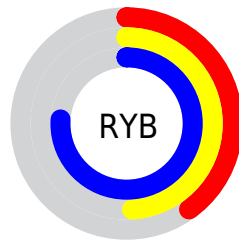
The Hex color **6683C1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C1A466**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9DB8FA**, and **2E528B** is the 20% darker color. If you saturate the color by 10%, you get **5376C1**, and if you desaturate by 10%, it is **7990C1**.

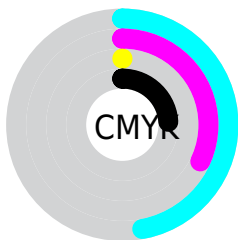
Distribution



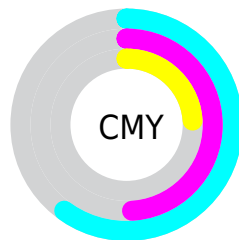
- Red (40%)
- Green (51%)
- Blue (76%)



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



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6683C1 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 6683C1 by changing the saturation by 10% instead.

■ 6683C1

■ 6683C1

FFFFFF

■ 4B6AA6

■ 9DB8FA

■ 2E528B

■ B9D3FF

■ 083B71

■ D6F0FF

■ 002658

■ F3FFFF

■ 001141

■ 00032A

■ 000114

■ 000000

■ 6683C1

■ 6683C1

■ 5376C1

■ 7990C1

■ 3F69C1

■ 8D9DC1

■ 2C5CC1

■ A0AAC1

■ 194EC1

■ B3B8C1

■ 0541C1

■ C7C5C1

■ 003EC1

■ DAD2C1

■ EDDFC1

■ FFECC1

■ FFF9C1

Harmonies

Analogous

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



1E8DBE



6683C1



9577B3

Triad

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



6683C1



BB705C



40926E

Complementary

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



6683C1



C1A466

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.



6A8E53



6683C1



A87B48

Square

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



6683C1



C06A7A



8C8544



00948E

Rectangle

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



6683C1



AB70A3



8C8544



509164

Sweetspot

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



6683C1



D7E2FA



66C1A3



686E7D



FCFCFC



7D7D7D

Same Dimension

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



6683C1



6B99FA



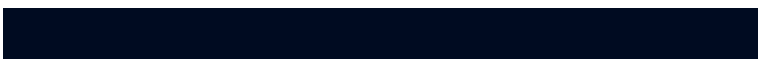
7566C1



575A61



0033A1



000B21

Inverse Universe

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



C16683



FA6B99



B2C166



61575A



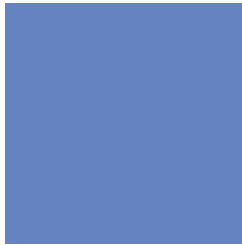
A10033



21000B

Previews

White Background



This preview shows how the Hex color 6683C1 looks on a white background.

Color Contrast Check

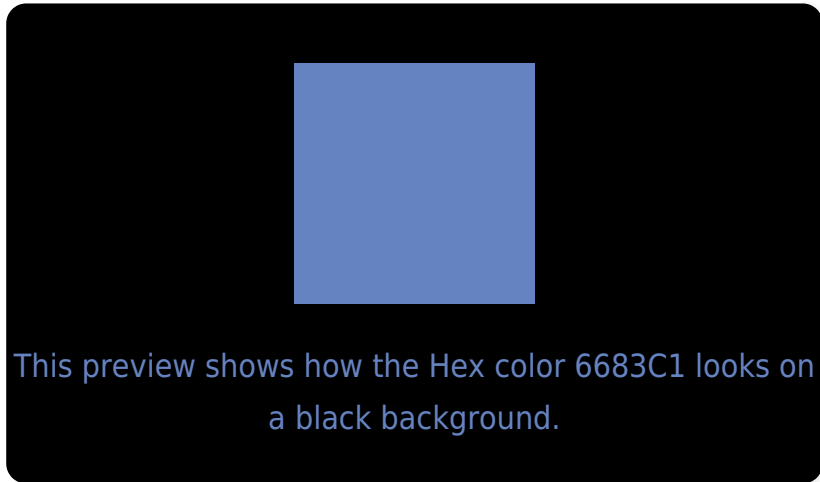
Large Text (above 18pt) WCAG AA ✓ Pass

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

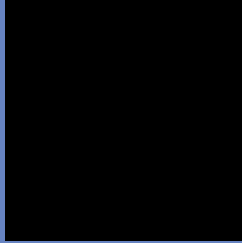
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

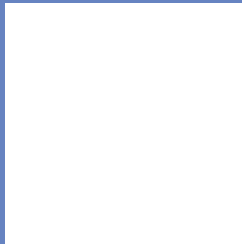
Any Text WCAG AAA × Fail

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

Hex 6683C1 Background



This preview shows how black text looks on a background with the Hex color 6683C1.

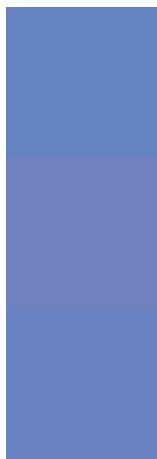


This preview shows how white text looks on a background with the Hex color 6683C1.

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
6683C1

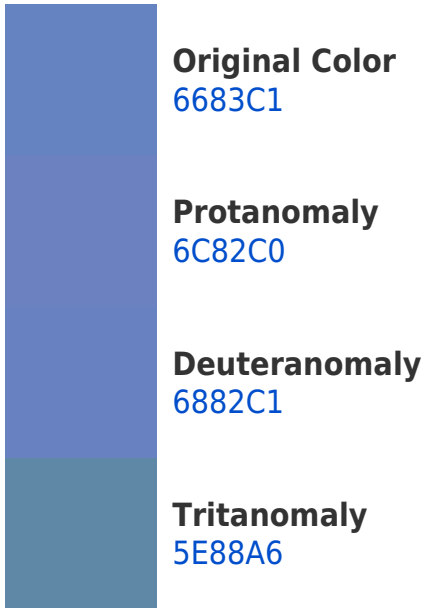
Protanopia
6F81BF

Deuteranopia
6982C1

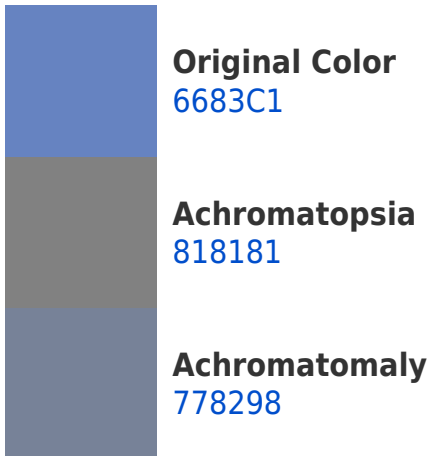


Tritanopia
598B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6683C1 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 #6683C1 looks like.

```
.text, #text, p{  
    color:#6683C1  
}
```

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 #6683C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6683C1
}
```

Border

The CSS property to change the border of an element to Hex 6683C1 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
#6683C1 }
```

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

```
.border{ border-color:#6683C1 }
```

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

Here you see how a box with a 4 pixel #6683C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6683C1; -webkit-box-shadow:4px 4px  
4px 4px #6683C1; box-shadow:4px 4px 4px  
4px #6683C1 }
```

Background

The CSS property to change the background color of an element to Hex 6683C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6683C1 }
```

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

```
.background{ background-color:#6683C1 }
```

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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