

# Converting Colors

Hex(6078C3)

Have a look what the booklet for  
Hex(6078C3) contains.

<b>Hex(6078C3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6078C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6078C3
RGB	96, 120, 195
RGB Percent	38%, 47%, 76%
CMY	0.6235, 0.5294, 0.2353
CMYK	0.51, 0.38, 0.00, 0.24
HSL	225°, 45%, 57%
HSV	225°, 51%, 76%
XYZ	21.3907, 19.8599, 54.3357
YIQ	121.3740, -38.3790, 18.2370

# Conversions

## Conversions Part 2

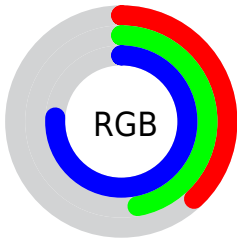
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 115, 195
Decimal	6322371
CIE <sub>Lab</sub>	51.68, 12.42, -41.95
CIE <sub>LCh</sub>	52, 43.749, 286.488
Yxy	19.8599, 0.2238, 0.2078
Android (android.graphics.Color)	4284512451 (0xFF6078C3)
YUV	121.3740, 36.2976, -22.2530
Hunter-Lab	44.5644, 7.6913, -41.0949

# Details

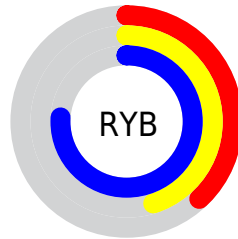
The Hex color **6078C3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C3AB60**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **98ACFC**, and **25488D** is the 20% darker color. If you saturate the color by 10%, you get **4D69C3**, and if you desaturate by 10%, it is **7487C3**.

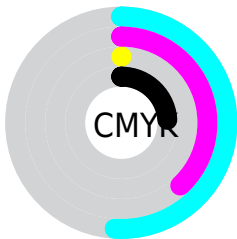
# Distribution



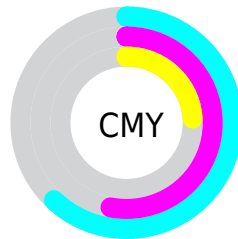
- Red (38%)
- Green (47%)
- Blue (76%)



- Red (38%)
- Yellow (45%)
- Blue (76%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (53%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6078C3 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 6078C3 by changing the saturation by 10% instead.



■ 6078C3

■ 6078C3

FFFFFF

■ 445FA8

■ 98ACFC

■ 25488D

■ B4C7FF

■ 003273

■ D1E3FF

■ 001E5A

■ EEEFFF

■ 000342

■ 00032B

■ 000115

■ 000000

■ 6078C3

■ 6078C3

■ 4D69C3

■ 7487C3

■ 395AC3

■ 8796C3

■ 254CC3

■ 9BA4C3

■ 123DC3

■ AEB3C3

■ 002FC3

■ C2C2C3

■ D5D1C3

■ E8DFC3

■ FCEEC3

■ FFFDC3

# Harmonies

## Analogous

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



0084C4



6078C3



9869AF

# Triad

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



6078C3



B76546



008D68

# Complementary

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



6078C3



C3AB60

# 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.



528845



6078C3



9F7330

# Square

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



6078C3



C15B68



7C802F



008E8F

# Rectangle

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



6078C3



AF609A



7C802F



288C5C



# Sweetspot

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



6078C3



D7E0FC



60C3AA



696E80



000000



808080



# Same Dimension

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



6078C3



6288FC



7960C3



575A61



0027A1



000821



# Inverse Universe

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



C36078



FC6288



AAC360



61575A



A10027

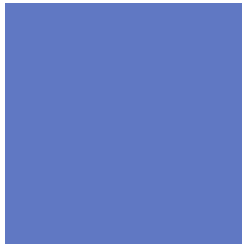


210008



# Previews

## White Background



This preview shows how the Hex color 6078C3 looks on a white background.

## Color Contrast Check

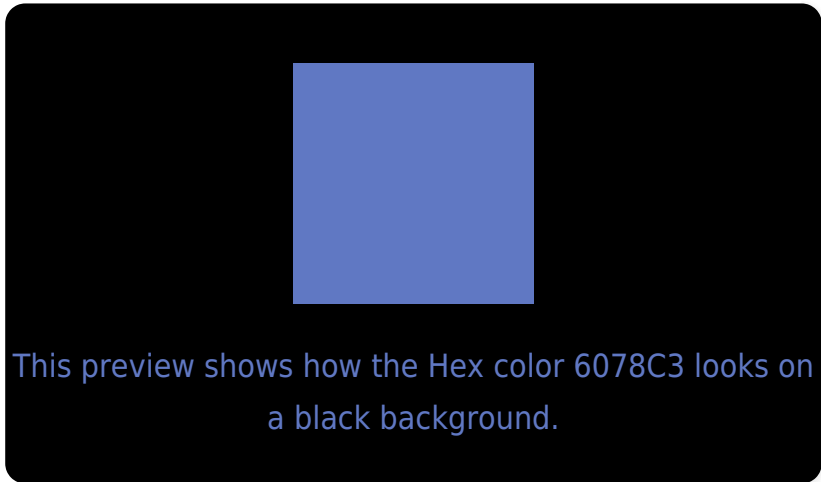
Large Text (above 18pt) WCAG AA ✓ Pass

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

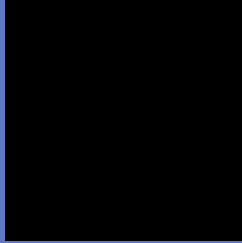
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6078C3 Background



This preview shows how black text looks on a background with the Hex color 6078C3.

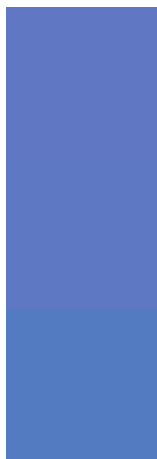


This preview shows how white text looks on a background with the Hex color 6078C3.

# 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**  
6078C3

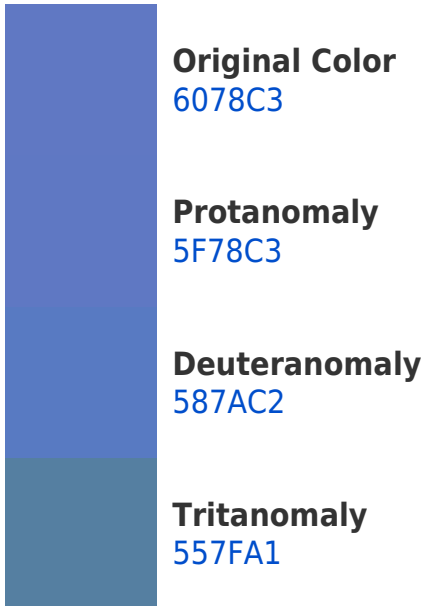
**Protanopia**  
5E78C3

**Deuteranopia**  
537BC2



**Tritanopia**  
4F838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6078C3 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 #6078C3 looks like.

```
.text, #text, p{  
    color:#6078C3  
}
```

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 #6078C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6078C3
}
```

## Border

The CSS property to change the border of an element to Hex 6078C3 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".

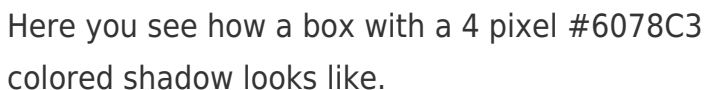
```
.border, #border, table{ border:4px solid
#6078C3 }
```

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

```
.border{ border-color:#6078C3 }
```

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

Here you see how a box with a 4 pixel #6078C3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6078C3; -webkit-box-shadow:4px 4px  
4px 4px #6078C3; box-shadow:4px 4px 4px  
4px #6078C3 }
```

# Background

The CSS property to change the background color of an element to Hex 6078C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6078C3 }
```

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

```
.background{ background-color:#6078C3 }
```

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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