

Converting Colors

Hex(6072C0)

Have a look what the booklet for
Hex(6072C0) contains.

Hex(6072C0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6072C0)

Conversions

Conversions Part 1

Format	Color
Hex	6072C0
RGB	96, 114, 192
RGB Percent	38%, 45%, 75%
CMY	0.6235, 0.5529, 0.2471
CMYK	0.50, 0.41, 0.00, 0.25
HSL	229°, 43%, 56%
HSV	229°, 50%, 75%
XYZ	20.3556, 18.3272, 52.3338
YIQ	117.5100, -35.7660, 20.4420

Conversions

Conversions Part 2

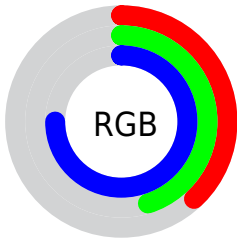
Format	Color
R _Y B	96, 111, 192
Decimal	6320832
CIE Lab	49.89, 15.14, -43.06
CIE LCh	50, 45.643, 289.367
Yxy	18.3272, 0.2236, 0.2014
Android (android.graphics.Color)	4284510912 (0xFF6072C0)
YUV	117.5100, 36.7236, -18.8643
Hunter-Lab	42.8103, 9.9560, -42.5124

Details

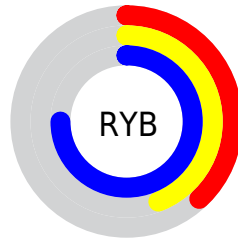
The Hex color **6072C0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **C0AE60**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98A6F9**, and **26438A** is the 20% darker color. If you saturate the color by 10%, you get **4D62C0**, and if you desaturate by 10%, it is **7382C0**.

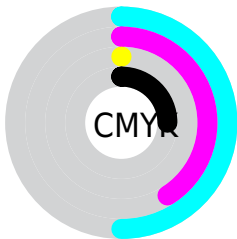
Distribution



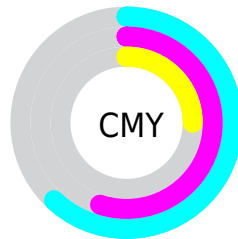
- Red (38%)
- Green (45%)
- Blue (75%)



- Red (38%)
- Yellow (44%)
- Blue (75%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6072C0 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 6072C0 by changing the saturation by 10% instead.

■ 6072C0

■ 6072C0

FFFFFF

■ 445AA5

■ 98A6F9

■ 26438A

■ B4C1FF

■ 002D70

■ D1DCFF

■ 001957

■ EEF9FF

■ 000040

■ 000328

■ 000112

■ 000000

■ 6072C0

■ 6072C0

■ 4D62C0

■ 7382C0

■ 3A53C0

■ 8691C0

■ 2643C0

■ 9AA1C0

■ 1334C0

■ ADB0C0

■ 0024C0

■ C0C0C0

■ D3D0C0

■ E6DFC0

■ FAEFC0

■ FFFEC0

Harmonies

Analogous

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



007FC3



6072C0



9862AA

Triad

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



6072C0



B2613D



008967

Complementary

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



6072C0



C0AE60

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.



458542



6072C0



987027

Square

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



6072C0



BE555F



747C28



008A8F

Rectangle

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



6072C0



AF5993



747C28



05885A

Sweetspot

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



6072C0



D4DBFA



60C0AD



666B7D



FCFCFC



7D7D7D

Same Dimension

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



6072C0



6480FA



7D60C0



575961



001EA1



000621

Inverse Universe

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



C06072



FA6480



A3C060



615759



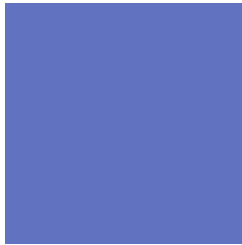
A1001E



210006

Previews

White Background



This preview shows how the Hex color 6072C0 looks on a white background.

Color Contrast Check

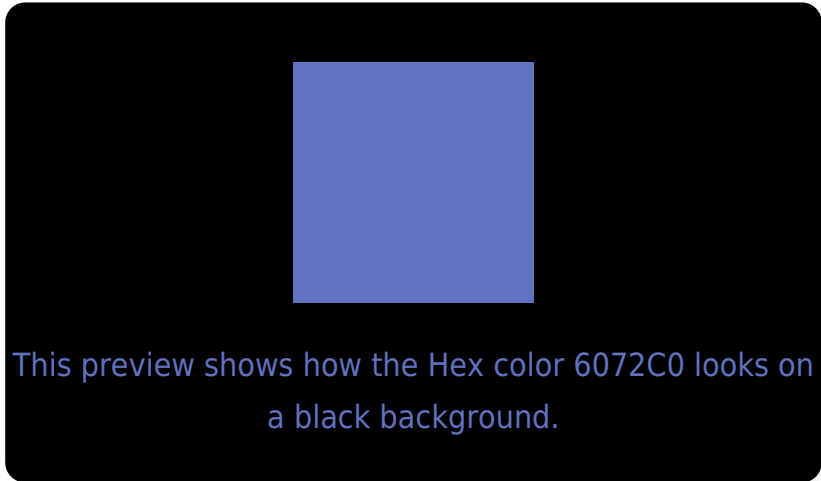
Large Text (above 18pt) WCAG AA ✓ Pass

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

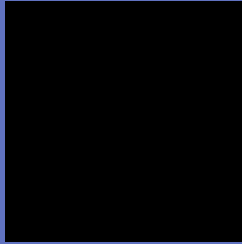
Any Text WCAG AA ✓ Pass

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 6072C0 Background



This preview shows how black text looks on a background with the Hex color 6072C0.

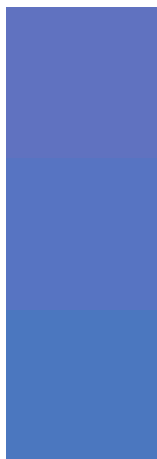


This preview shows how white text looks on a background with the Hex color 6072C0.

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
6072C0

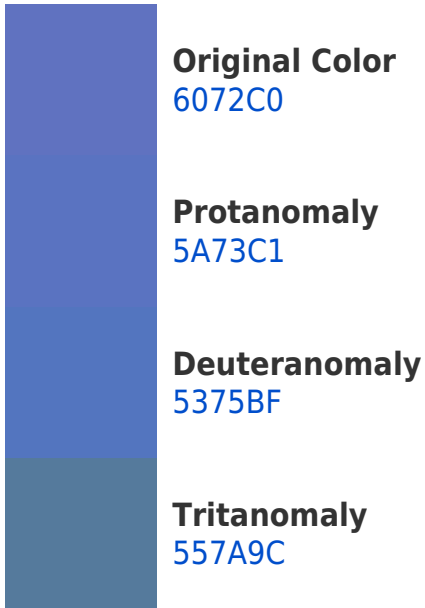
Protanopia
5774C2

Deuteranopia
4B77BF



Tritanopia
4E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6072C0 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 #6072C0 looks like.

```
.text, #text, p{  
    color:#6072C0  
}
```

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 #6072C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6072C0
}
```

Border

The CSS property to change the border of an element to Hex 6072C0 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
#6072C0 }
```

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

```
.border{ border-color:#6072C0 }
```

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

Here you see how a box with a 4 pixel #6072C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6072C0; -webkit-box-shadow:4px 4px  
4px 4px #6072C0; box-shadow:4px 4px 4px  
4px #6072C0 }
```

Background

The CSS property to change the background color of an element to Hex 6072C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6072C0 }
```

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

```
.background{ background-color:#6072C0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor