

Converting Colors

Hex(6075C4)

Have a look what the booklet for
Hex(6075C4) contains.

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Color

Hex(6075C4)

Conversions

Conversions Part 1

Format	Color
Hex	6075C4
RGB	96, 117, 196
RGB Percent	38%, 46%, 77%
CMY	0.6235, 0.5412, 0.2314
CMYK	0.51, 0.40, 0.00, 0.23
HSL	227°, 46%, 57%
HSV	227°, 51%, 77%
XYZ	21.1490, 19.1949, 54.8149
YIQ	119.7270, -37.8750, 20.1170

Conversions

Conversions Part 2

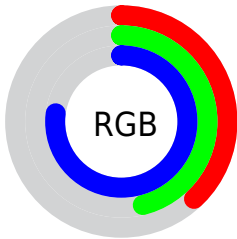
Format	Color
R_{YB}	96, 113, 196
Decimal	6321604
CIE _{Lab}	50.91, 14.56, -43.73
CIE _{LCh}	51, 46.093, 288.414
Yxy	19.1949, 0.2222, 0.2017
Android (android.graphics.Color)	4284511684 (0xFF6075C4)
YUV	119.7270, 37.6026, -20.8086
Hunter-Lab	43.8120, 9.4947, -43.5116

Details

The Hex color **6075C4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **C4AF60**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **98A9FD**, and **24458E** is the 20% darker color. If you saturate the color by 10%, you get **4C66C4**, and if you desaturate by 10%, it is **7484C4**.

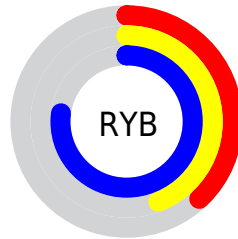
Distribution



Red (38%)

Green (46%)

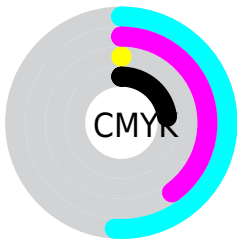
Blue (77%)



Red (38%)

Yellow (44%)

Blue (77%)

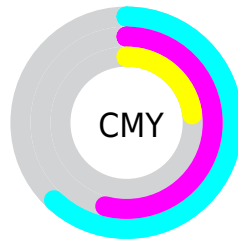


Cyan (51%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (54%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6075C4 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 6075C4 by changing the saturation by 10% instead.



6075C4



6075C4

FFFFFF



445DA8



98A9FD



24458E



B4C4FF



002F74



D1E0FF



001B5B



EFFCFF



000043



00032C



000116



000000



6075C4



6075C4

■ 4C66C4

■ 7484C4

■ 3956C4

■ 8794C4

■ 2547C4

■ 9BA3C4

■ 1237C4

■ AEB3C4

■ 0029C4

■ C2C2C4

■ D6D2C4

■ E9E1C4

■ FDF1C4

■ FFFFC4

Harmonies

Analogous

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



0082C6



6075C4



9A65AE

Triad

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



6075C4



B66340



008C68

Complementary

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



6075C4



C4AF60

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.



498743



6075C4



9C7229

Square

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



6075C4



C25763



777F29



008D91

Rectangle

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



6075C4



B25B97



777F29



108B5B

Sweetspot

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



6075C4



D9E1FF



60C4AE



696D80



000000



808080

Same Dimension

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



6075C4



6384FF



7C60C4



575961



0022A1



000721

Inverse Universe

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



C46075



FF6384



A8C460



615759



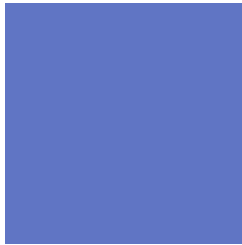
A10022



210007

Previews

White Background



This preview shows how the Hex color 6075C4 looks on a white background.

Color Contrast Check

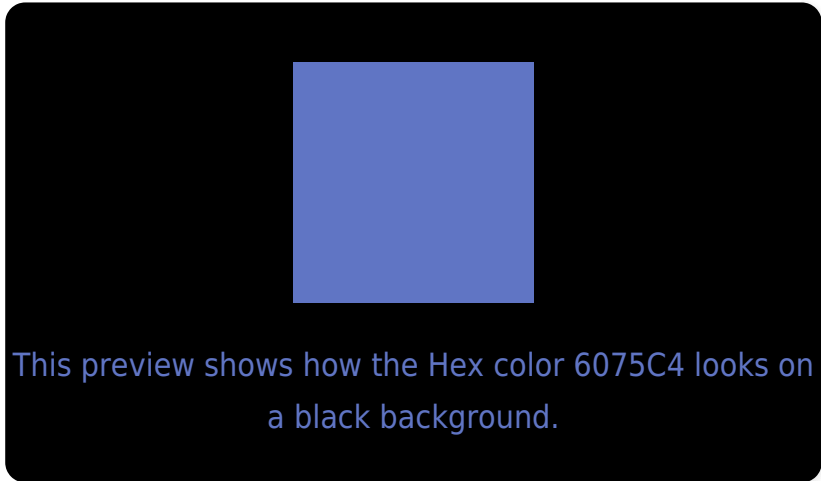
Large Text (above 18pt) WCAG AA ✓ Pass

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 6075C4 Background



This preview shows how black text looks on a background with the Hex color 6075C4.

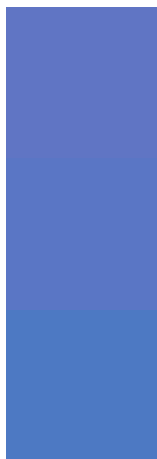


This preview shows how white text looks on a background with the Hex color 6075C4.

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
6075C4

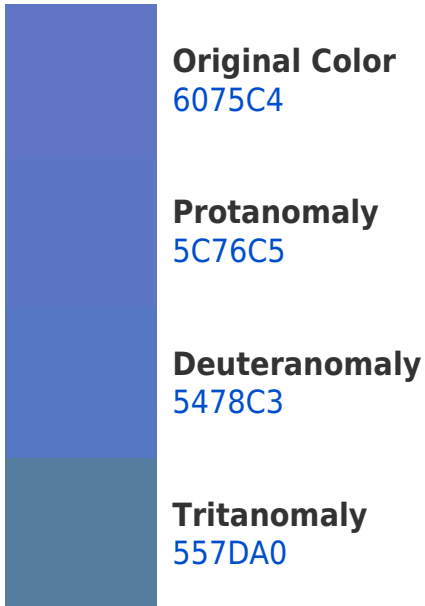
Protanopia
5A76C5

Deuteranopia
4D79C3



Tritanopia
4E818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6075C4 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 #6075C4 looks like.

```
.text, #text, p{  
  color:#6075C4  
}
```

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 #6075C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6075C4
}
```

Border

The CSS property to change the border of an element to Hex 6075C4 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
#6075C4 }
```

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

```
.border{ border-color:#6075C4 }
```

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

Here you see how a box with a 4 pixel #6075C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6075C4; -webkit-box-shadow:4px 4px  
4px 4px #6075C4; box-shadow:4px 4px 4px  
4px #6075C4 }
```

Background

The CSS property to change the background color of an element to Hex 6075C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6075C4 }
```

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

```
.background{ background-color:#6075C4 }
```

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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