

Converting Colors

Hex(6048D4)

Have a look what the booklet for
Hex(6048D4) contains.

Hex(6048D4)	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(6048D4)

Conversions

Conversions Part 1

Format	Color
Hex	6048D4
RGB	96, 72, 212
RGB Percent	38%, 28%, 83%
CMY	0.6235, 0.7176, 0.1686
CMYK	0.55, 0.66, 0.00, 0.17
HSL	250°, 62%, 56%
HSV	250°, 66%, 83%
XYZ	19.0249, 11.8750, 63.5767
YIQ	95.1360, -30.6360, 48.6280

Conversions

Conversions Part 2

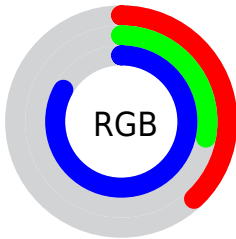
Format	Color
R _Y B	96, 72, 212
Decimal	6310100
CIE Lab	41.02, 46.72, -68.86
CIE LCh	41, 83.212, 304.156
Yxy	11.8750, 0.2014, 0.1257
Android (android.graphics.Color)	4284500180 (0xFF6048D4)
YUV	95.1360, 57.6140, 0.7577
Hunter-Lab	34.4601, 38.2419, -85.2642

Details

The Hex color **6048D4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **BCD448**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9C7AFF**, and **16199C** is the 20% darker color. If you saturate the color by 10%, you get **4E33D4**, and if you desaturate by 10%, it is **725DD4**.

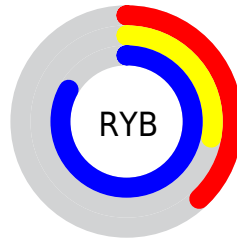
Distribution



Red (38%)

Green (28%)

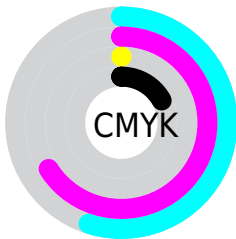
Blue (83%)



Red (38%)

Yellow (28%)

Blue (83%)

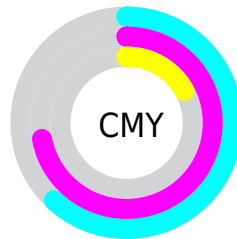


Cyan (55%)

Magenta (66%)

Yellow (0%)

Black (17%)



Cyan (62%)

Magenta (72%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6048D4 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 6048D4 by changing the saturation by 10% instead.

6048D4

6048D4

FFFFFF

4030B8

9C7AFF

16199C

BA94FF

000181

D7B0FF

000067

F6CBFF

00044E

FFE8FF

000536

000220

000004

000000

■ 6048D4

■ 6048D4

■ 4E33D4

■ 725DD4

■ 3D1ED4

■ 8372D4

■ 2B08D4

■ 9588D4

■ 2400D4

■ A69DD4

■ B8B2D4

■ C9C7D4

■ DBDCD4

■ EDF2D4

■ FEFFD4

Harmonies

Analogous

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



0068EC



6048D4



B5009E

Triad

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



6048D4



A44400



007B69

Complementary

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



6048D4



BCD448

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.



00781D



6048D4



6E6200

Square

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



6048D4



C80017



1B7100



007BAD

Rectangle

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



6048D4



CD0071



1B7100



007A51

Sweetspot

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



6048D4



D5CCFF



48BDD4



666180



000000



808080

Same Dimension

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



6048D4



5836FF



A548D4



62606B



1D00AB



07002B

Inverse Universe

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



D448BC



FF36DC



77D448



6B6069



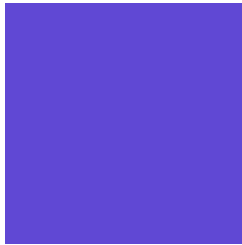
AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 6048D4 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



This preview shows how the Hex color 6048D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

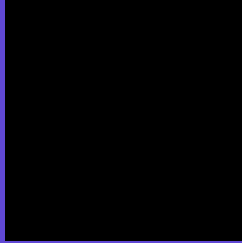
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Hex 6048D4 Background



This preview shows how black text looks on a background with the Hex color 6048D4.

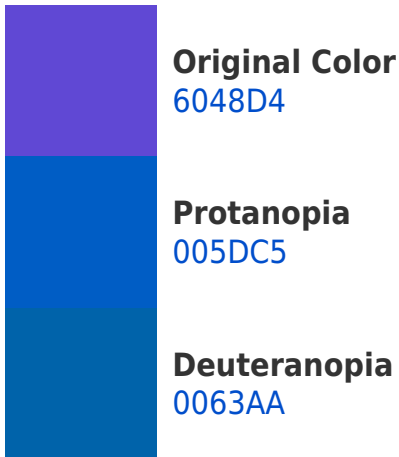



This preview shows how white text looks on a background with the Hex color 6048D4.

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





Tritanopia
3D676F

Trichromacy



Original Color
6048D4



Protanomaly
2355CA



Deuteranomaly
2359B9



Tritanomaly
4A5C94

Monochromacy



Original Color
6048D4



Achromatopsia
5F5F5F



Achromatomaly
5F578A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6048D4 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 #6048D4 looks like.

```
.text, #text, p{  
    color:#6048D4  
}
```

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 #6048D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6048D4
}
```

Border

The CSS property to change the border of an element to Hex 6048D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

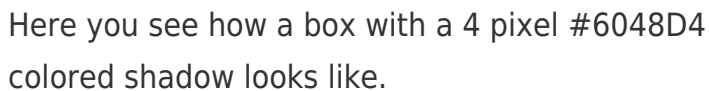
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6048D4 }
```

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

```
.border{ border-color:#6048D4 }
```

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The text inside the box is black.

Here you see how a box with a 4 pixel #6048D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6048D4; -webkit-box-shadow:4px 4px  
4px 4px #6048D4; box-shadow:4px 4px 4px  
4px #6048D4 }
```

Background

The CSS property to change the background color of an element to Hex 6048D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6048D4 }
```

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

```
.background{ background-color:#6048D4 }
```

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