

Converting Colors

Hex(6180D4)

Have a look what the booklet for
Hex(6180D4) contains.

Hex(6180D4)	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(6180D4)

Conversions

Conversions Part 1

Format	Color
Hex	6180D4
RGB	97, 128, 212
RGB Percent	38%, 50%, 83%
CMY	0.6196, 0.4980, 0.1686
CMYK	0.54, 0.40, 0.00, 0.17
HSL	224°, 57%, 61%
HSV	224°, 54%, 83%
XYZ	24.5326, 22.7332, 65.3823
YIQ	128.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

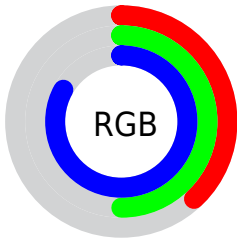
Format	Color
R _Y B	97, 121, 212
Decimal	6389972
CIE Lab	54.80, 13.19, -46.67
CIE LCh	55, 48.498, 285.785
Yxy	22.7332, 0.2178, 0.2018
Android (android.graphics.Color)	4284580052 (0xFF6180D4)
YUV	128.3070, 41.2606, -27.4562
Hunter-Lab	47.6793, 8.4053, -47.9284

Details

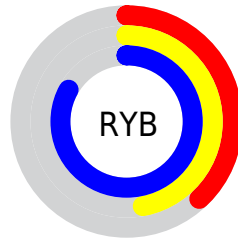
The Hex color **6180D4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D4B561**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9AB4FF**, and **214F9D** is the 20% darker color. If you saturate the color by 10%, you get **4C71D4**, and if you desaturate by 10%, it is **768FD4**.

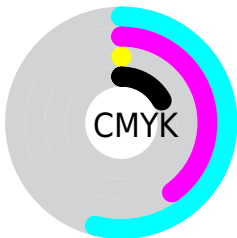
Distribution



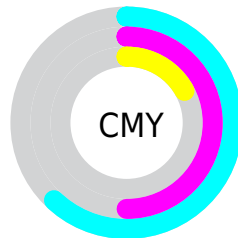
- Red (38%)
- Green (50%)
- Blue (83%)



- Red (38%)
- Yellow (47%)
- Blue (83%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6180D4 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 6180D4 by changing the saturation by 10% instead.

■ 6180D4

■ 6180D4

FFFFFF

■ 4367B8

■ 9AB4FF

■ 214F9D

■ B7D0FF

■ 003982

■ D4ECFF

■ 002469

■ F2FFFF

■ 001050

■ 000538

■ 000222

■ 000008

■ 000000

■ 6180D4

■ 6180D4

■ 4C71D4

■ 768FD4

■ 3761D4

■ 8B9FD4

■ 2152D4

■ A1AED4

■ 0C42D4

■ B6BED4

■ 0039D4

■ CBCDD4

■ E0DDD4

■ F5ECD4

■ FFFCD4

■ FFFF4

Harmonies

Analogous

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



008DD4



6180D4



A26FBE

Triad

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



6180D4



C66A49



00976D

Complementary

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



6180D4



D4B561

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.



559146



6180D4



AB7A2F

Square

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



6180D4



D15E6F



85882D



009899

Rectangle

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



6180D4



BD64A6



85882D



22955F

Sweetspot

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



6180D4



D6E1FF



61D4B3



676E80



000000



808080

Same Dimension

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



6180D4



5986FF



7A61D4



60636B



002EAB



000C2B

Inverse Universe

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



D46180



FF5986



BBD461



6B6063



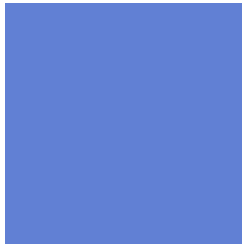
AB002E



2B000C

Previews

White Background



This preview shows how the Hex color 6180D4 looks on a white background.

Color Contrast Check

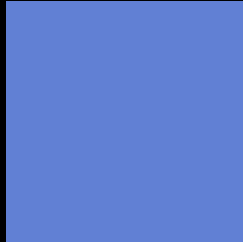
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6180D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

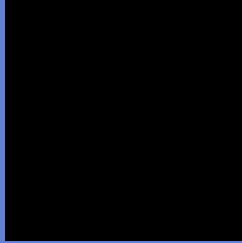
Any Text WCAG AA ✓ Pass

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 6180D4 Background



This preview shows how black text looks on a background with the Hex color 6180D4.

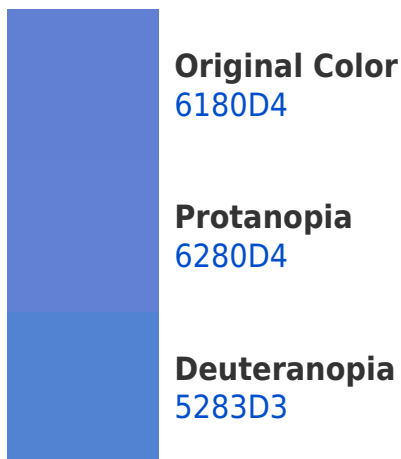


This preview shows how white text looks on a background with the Hex color 6180D4.

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](#).

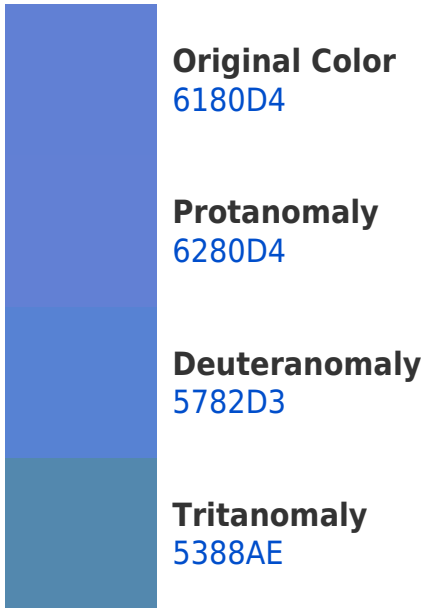
Dichromacy





Tritanopia
4B8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6180D4 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 #6180D4 looks like.

```
.text, #text, p{  
    color:#6180D4  
}
```

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 #6180D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6180D4
}
```

Border

The CSS property to change the border of an element to Hex 6180D4 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
#6180D4 }
```

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

```
.border{ border-color:#6180D4 }
```

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

Here you see how a box with a 4 pixel #6180D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6180D4; -webkit-box-shadow:4px 4px  
4px 4px #6180D4; box-shadow:4px 4px 4px  
4px #6180D4 }
```

Background

The CSS property to change the background color of an element to Hex 6180D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6180D4 }
```

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

```
.background{ background-color:#6180D4 }
```

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