

Converting Colors

Hex(6230D0)

Have a look what the booklet for
Hex(6230D0) contains.

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Color

Hex(6230D0)

Conversions

Conversions Part 1

Format	Color
Hex	6230D0
RGB	98, 48, 208
RGB Percent	38%, 19%, 82%
CMY	0.6157, 0.8118, 0.1843
CMYK	0.53, 0.77, 0.00, 0.18
HSL	259°, 63%, 50%
HSV	259°, 77%, 82%
XYZ	17.4791, 9.2646, 60.5415
YIQ	81.1900, -21.5600, 60.3600

Conversions

Conversions Part 2

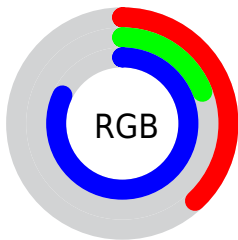
Format	Color
R_{YB}	98, 48, 208
Decimal	6435024
CIE _{Lab}	36.49, 58.09, -73.96
CIE _{LCh}	36, 94.047, 308.146
Yxy	9.2646, 0.2003, 0.1061
Android (android.graphics.Color)	4284625104 (0xFF6230D0)
YUV	81.1900, 62.5173, 14.7424
Hunter-Lab	30.4379, 49.2384, -96.6224

Details

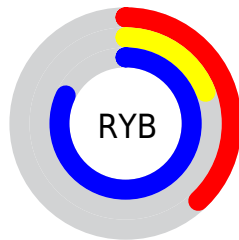
The Hex color **6230D0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9ED030**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9E64FF**, and **180098** is the 20% darker color. If you saturate the color by 10%, you get **541BD0**, and if you desaturate by 10%, it is **7045D0**.

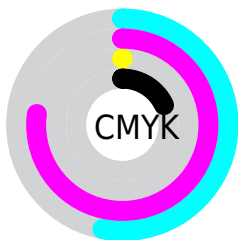
Distribution



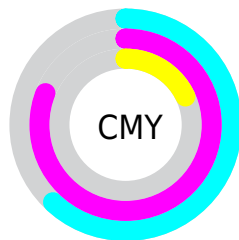
- Red (38%)
- Green (19%)
- Blue (82%)



- Red (38%)
- Yellow (19%)
- Blue (82%)



- Cyan (53%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (81%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6230D0 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 6230D0 by changing the saturation by 10% instead.

 6230D0

 6230D0

FFFFFF

 4214B4

 9E64FF

 180098

 BC7EFF

 00007D

 DB99FF

 000063

 F9B5FF

 00094A

 FFD1FF

 000433

 FFEEFF

 00021D

 000000

 6230D0

 6230D0

■ 541BD0

■ 7045D0

■ 4506D0

■ 7F5AD0

■ 4100D0

■ 8D6ED0

■ 9B83D0

■ A998D0

■ B8ADD0

■ C6C2D0

■ D4D6D0

■ E3EBD0

Harmonies

Analogous

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



005CF1



6230D0



B90090

Triad

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



6230D0



943A00



00706A

Complementary

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



6230D0



9ED030

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.



006E14



6230D0



575A00

Square

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



6230D0



BF0000



006800



0071B4

Rectangle

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



6230D0



CD005E



006800



00704F

Sweetspot

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



6230D0



D7C4FF



30A0D0



675C80



000000



808080

Same Dimension

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



6230D0



5E14FF



B030D0



615E69



3500A8



0D0029

Inverse Universe

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



D0309E



FF14B6



50D030



695E65



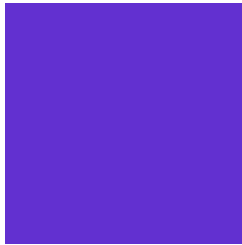
A80074



29001C

Previews

White Background



This preview shows how the Hex color 6230D0 looks on a white background.

Color Contrast Check

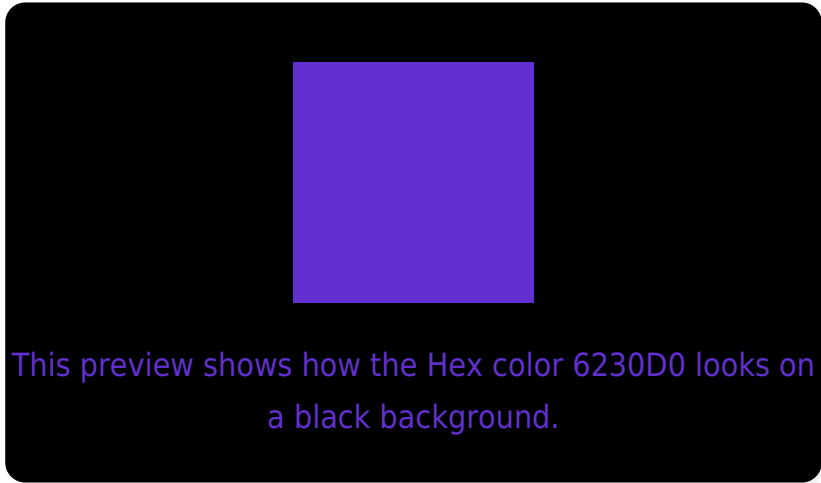
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

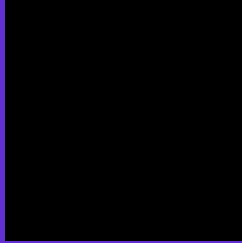
Any Text WCAG AA × Fail

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 6230D0 Background



This preview shows how black text looks on a background with the Hex color 6230D0.

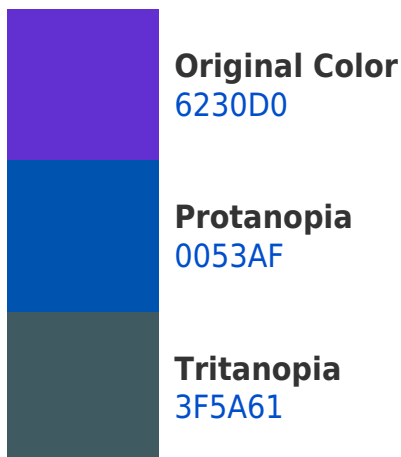


This preview shows how white text looks on a background with the Hex color 6230D0.

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



Trichromacy



Original Color
6230D0



Protanomaly
2446BB

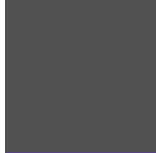


Tritanomaly
4C4B89

Monochromacy



Original Color
6230D0



Achromatopsia
515151



Achromatomaly
57457F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6230D0 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 #6230D0 looks like.

```
.text, #text, p{  
    color:#6230D0  
}
```

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 #6230D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6230D0  
}
```

Border

The CSS property to change the border of an element to Hex 6230D0 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  
#6230D0 }
```

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

```
.border{ border-color:#6230D0 }
```

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

Here you see how a box with a 4 pixel #6230D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6230D0; -webkit-box-shadow:4px 4px  
4px 4px #6230D0; box-shadow:4px 4px 4px  
4px #6230D0 }
```

Background

The CSS property to change the background color of an element to Hex 6230D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6230D0 }
```

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

```
.background{ background-color:#6230D0 }
```

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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