

Converting Colors

Hex(8030D0)

Have a look what the booklet for
Hex(8030D0) contains.

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Color

Hex(8030D0)

Conversions

Conversions Part 1

Format	Color
Hex	8030D0
RGB	128, 48, 208
RGB Percent	50%, 19%, 82%
CMY	0.4980, 0.8118, 0.1843
CMYK	0.38, 0.77, 0.00, 0.18
HSL	270°, 63%, 50%
HSV	270°, 77%, 82%
XYZ	21.3442, 11.2572, 60.7224
YIQ	90.1600, -3.6800, 66.7200

Conversions

Conversions Part 2

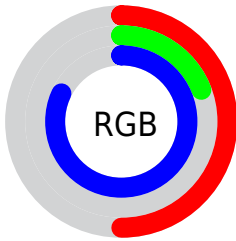
Format	Color
R _{YB}	128, 48, 208
Decimal	8401104
CIE _{Lab}	40.01, 62.49, -68.05
CIE _{LCh}	40, 92.393, 312.559
Y _{xy}	11.2572, 0.2287, 0.1206
Android (android.graphics.Color)	4286591184 (0xFF8030D0)
Y _{UV}	90.1600, 58.0951, 33.1857
Hunter-Lab	33.5517, 54.8389, -83.8178

Details

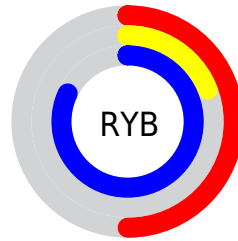
The Hex color **8030D0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **80D030**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BB67FF**, and **450098** is the 20% darker color. If you saturate the color by 10%, you get **761BD0**, and if you desaturate by 10%, it is **8A45D0**.

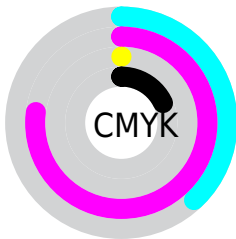
Distribution



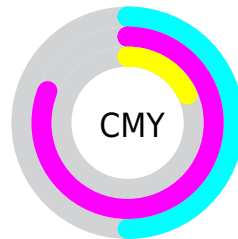
- Red (50%)
- Green (19%)
- Blue (82%)



- Red (50%)
- Yellow (19%)
- Blue (82%)



- Cyan (38%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (81%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8030D0 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 8030D0 by changing the saturation by 10% instead.

 8030D0

 8030D0

FFFFFF

 630EB4

 BB67FF

 450098

 D882FF

 22007E

 F79DFF

 000064

 FFBAFF

 00004B

 FFD6FF

 000433

 FFF3FF

 00021D

 000000

 8030D0

 8030D0

761BD0

8A45D0

6B06D0

955AD0

6800D0

9F6ED0

AA83D0

B498D0

BEADD0

C9C2D0

D3D6D0

DEEBD0

Harmonies

Analogous

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



0060F6



8030D0



C8008D

Triad

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



8030D0



964A00



007A7E

Complementary

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



8030D0



80D030

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.



00782C



8030D0



566500

Square

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



8030D0



C40000



007200



007AC5

Rectangle

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



8030D0



D8005C



007200



007963

Sweetspot

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



8030D0



E2C4FF



3080D0



6E5C80



000000



808080

Same Dimension

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



8030D0



8A14FF



D030D0



635E69



5400A8



140029

Inverse Universe

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



D03080



FF148A



30D030



695E63



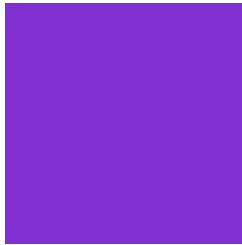
A80054



290014

Previews

White Background



This preview shows how the Hex color 8030D0 looks on a white background.

Color Contrast Check

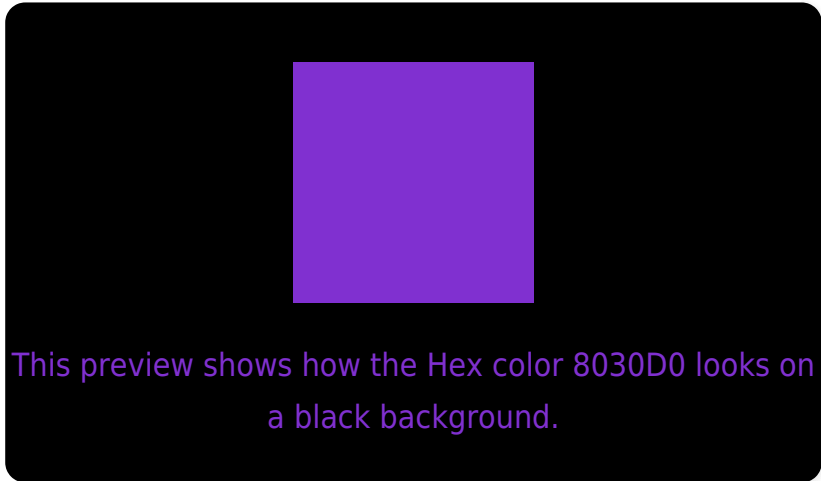
Large Text (above 18pt) WCAG AA ✓ Pass

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

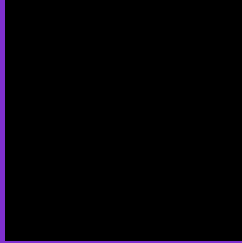
Any Text WCAG AA × Fail

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 8030D0 Background



This preview shows how black text looks on a background with the Hex color 8030D0.

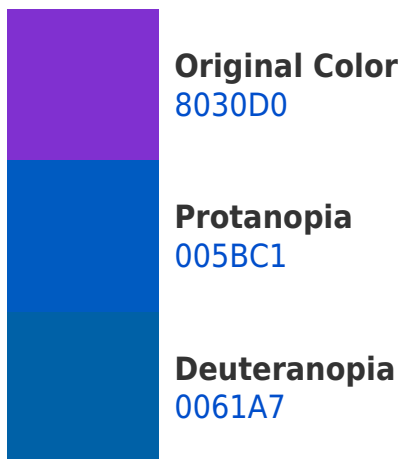



This preview shows how white text looks on a background with the Hex color 8030D0.

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
695A61

Trichromacy



Original Color
8030D0



Protanomaly
2F4BC6



Deuteranomaly
2F4FB6



Tritanomaly
714B89

Monochromacy



Original Color
8030D0



Achromatopsia
5A5A5A



Achromatomaly
684B85

CSS Examples

Text

The CSS property to change the color of the text to Hex 8030D0 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 #8030D0 looks like.

```
.text, #text, p{  
    color:#8030D0  
}
```

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 #8030D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8030D0
}
```

Border

The CSS property to change the border of an element to Hex 8030D0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

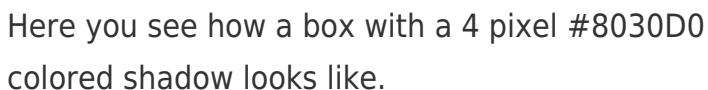
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8030D0 }
```

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

```
.border{ border-color:#8030D0 }
```

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



Here you see how a box with a 4 pixel #8030D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8030D0; -webkit-box-shadow:4px 4px  
4px 4px #8030D0; box-shadow:4px 4px 4px  
4px #8030D0 }
```

Background

The CSS property to change the background color of an element to Hex 8030D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8030D0 }
```

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

```
.background{ background-color:#8030D0 }
```

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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