

# Converting Colors

Hex(5220D0)

Have a look what the booklet for  
Hex(5220D0) contains.

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# Color

Hex(5220D0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5220D0
RGB	82, 32, 208
RGB Percent	32%, 13%, 82%
CMY	0.6784, 0.8745, 0.1843
CMYK	0.61, 0.85, 0.00, 0.18
HSL	257°, 73%, 47%
HSV	257°, 85%, 82%
XYZ	15.3814, 7.3809, 60.2885
YIQ	67.0140, -26.6960, 65.3360

# Conversions

## Conversions Part 2

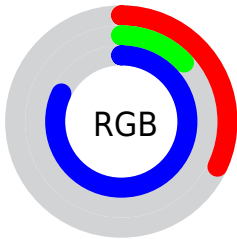
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 32, 208
Decimal	5382352
CIE <sub>Lab</sub>	32.66, 62.74, -80.34
CIE <sub>LCh</sub>	33, 101.930, 307.987
Yxy	7.3809, 0.1852, 0.0889
Android (android.graphics.Color)	4283572432 (0xFF5220D0)
YUV	67.0140, 69.5061, 13.1427
Hunter-Lab	27.1679, 53.5158, -112.5535

# Details

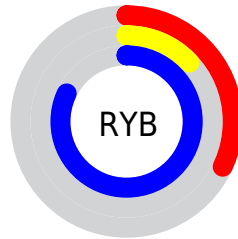
The Hex color **5220D0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **9ED020**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9256FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **430BD0**, and if you desaturate by 10%, it is **6135D0**.

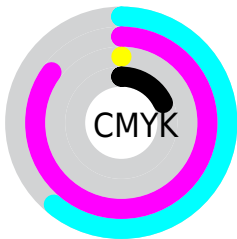
# Distribution



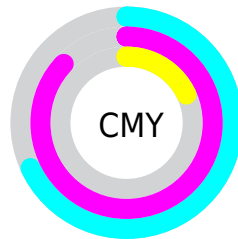
- Red (32%)
- Green (13%)
- Blue (82%)



- Red (32%)
- Yellow (13%)
- Blue (82%)



- Cyan (61%)
- Magenta (85%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (87%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5220D0 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 5220D0 by changing the saturation by 10% instead.



 5220D0

 5220D0

FFFFFF

 2C00B4

 9256FF

 000098

 B071FF

 00007D

 CF8CFF

 000063

 EEA7FF

 00094A

 FFC3FF

 000432

 FFE0FF

 00021C

 FFFDFF

 000000

 5220D0

 5220D0

■ 430BD0

■ 6135D0

■ 3B00D0

■ 704AD0

■ 7F5ED0

■ 8E73D0

■ 9C88D0

■ AB9DD0

■ BAB2D0

■ C9C6D0

■ D8DBD0

# Harmonies

## Analogous

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



0055F3



5220D0



B4008B

# Triad

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



5220D0



8C2D00



006762

# Complementary

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



5220D0



9ED020

# 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.



006400



5220D0



4B5200

# Square

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



5220D0



B90000



005F00



0069B1

# Rectangle

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



5220D0



C90056



005F00



006645



# Sweetspot

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



5220D0



D1BFFF



209ED0



645980



000000



808080



# Same Dimension

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



5220D0



4800FF



AA20D0



615E69



3000A8



0C0029



# Inverse Universe

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



D0209E



FF00B7



46D020



695E66



A80078

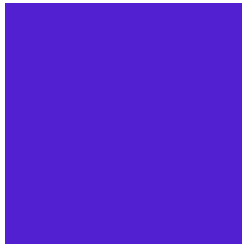


29001D



# Previews

## White Background



This preview shows how the Hex color 5220D0 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

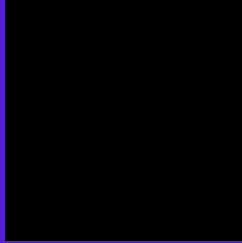
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5220D0 Background



This preview shows how black text looks on a background with the Hex color 5220D0.




This preview shows how white text looks on a background with the Hex color 5220D0.

# 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**  
16555C

# Trichromacy



**Original Color**  
5220D0



**Protanomaly**  
1E3BAF



**Deuteranomaly**  
1E3EA0



**Tritanomaly**  
2C4286

# Monochromacy



**Original Color**  
5220D0



**Achromatopsia**  
434343



**Achromatomaly**  
483676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5220D0 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 #5220D0 looks like.

```
.text, #text, p{  
    color:#5220D0  
}
```

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 #5220D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5220D0
}
```

## Border

The CSS property to change the border of an element to Hex 5220D0 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
#5220D0 }
```

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

```
.border{ border-color:#5220D0 }
```

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

Here you see how a box with a 4 pixel #5220D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5220D0; -webkit-box-shadow:4px 4px  
4px 4px #5220D0; box-shadow:4px 4px 4px  
4px #5220D0 }
```

# Background

The CSS property to change the background color of an element to Hex 5220D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5220D0 }
```

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

```
.background{ background-color:#5220D0 }
```

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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