

Converting Colors

Hex(510FBD)

Have a look what the booklet for
Hex(510FBD) contains.

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Color

Hex(510FBD)

Conversions

Conversions Part 1

Format	Color
Hex	510FBD
RGB	81, 15, 189
RGB Percent	32%, 6%, 74%
CMY	0.6824, 0.9412, 0.2588
CMYK	0.57, 0.92, 0.00, 0.26
HSL	263°, 85%, 40%
HSV	263°, 92%, 74%
XYZ	12.7495, 5.7651, 48.5849
YIQ	54.5700, -16.5180, 68.1060

Conversions

Conversions Part 2

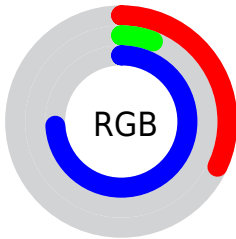
Format	Color
R_{YB}	81, 15, 189
Decimal	5312445
CIE _{Lab}	28.81, 62.79, -75.57
CIE _{LCh}	29, 98.254, 309.725
Yxy	5.7651, 0.1900, 0.0859
Android (android.graphics.Color)	4283502525 (0xFF510FBD)
YUV	54.5700, 66.2740, 23.1791
Hunter-Lab	24.0106, 52.7636, -103.1644

Details

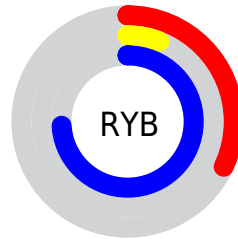
The Hex color **510FBD** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **7BBD0F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8F4AF7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **4800BD**, and if you desaturate by 10%, it is **5D22BD**.

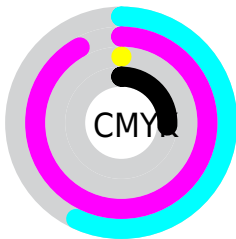
Distribution



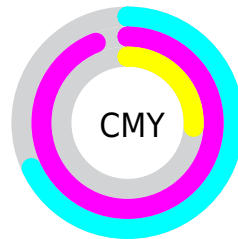
- Red (32%)
- Green (6%)
- Blue (74%)



- Red (32%)
- Yellow (6%)
- Blue (74%)



- Cyan (57%)
- Magenta (92%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (94%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510FBD 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 510FBD by changing the saturation by 10% instead.

■ 510FBD

■ 510FBD

FFFFFF

■ 2E00A1

■ 8F4AF7

■ 000086

■ AD65FF

■ 00006C

■ CB80FF

■ 000052

■ E99BFF

■ 00063A

■ FFB7FF

■ 000224

■ FFD4FF

■ 00000B

■ FFF1FF

■ 000000

■ 510FBD

■ 510FBD

■ 4800BD

■ 5D22BD

■ 6835BD

■ 7448BD

■ 805BBD

■ 8C6EBD

■ 9780BD

■ A393BD

■ AFA6BD

■ BBB9BD

Harmonies

Analogous

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



004BE1



510FBD



A8007B

Triad

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



510FBD



7C2900



005C5C

Complementary

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



510FBD



7BBD0F

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.



005901



510FBD



3D4A00

Square

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



510FBD



A80000



005500



005EA7

Rectangle

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



510FBD



BA0049



005500



005B42

Sweetspot

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



510FBD



CAB0F5



0F7DBD



61517A



FAFAFA



7A7A7A

Same Dimension

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



510FBD



5D00F5



A60FBD



58555E



3C009E



0C001F

Inverse Universe

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



BD0F7B



F50098



26BD0F



5E555B



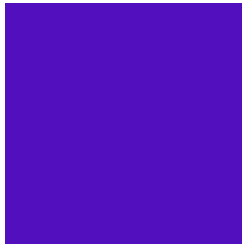
9E0062



1F0013

Previews

White Background



This preview shows how the Hex color 510FBD looks on a white background.

Color Contrast Check

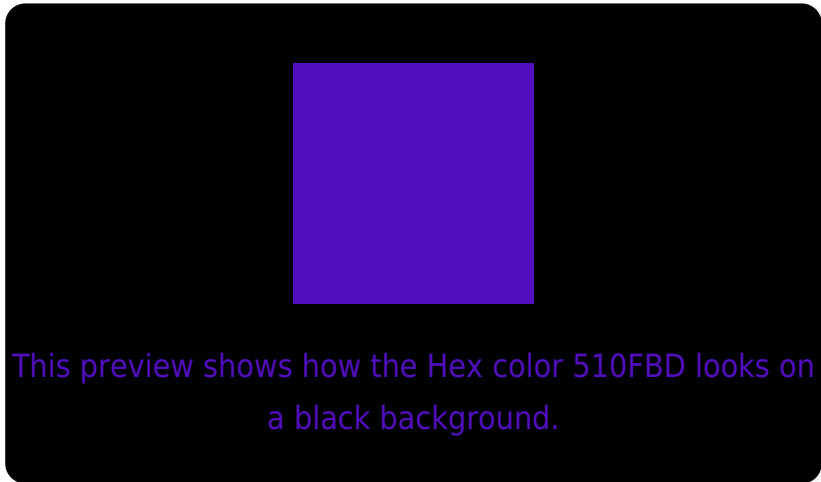
Large Text (above 18pt) WCAG AA ✓ Pass

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

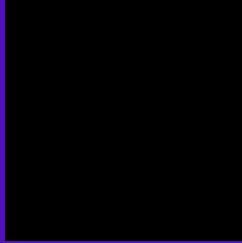
Any Text WCAG AA × Fail

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 510FBD Background



This preview shows how black text looks on a background with the Hex color 510FBD.



This preview shows how white text looks on a background with the Hex color 510FBD.

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](#).

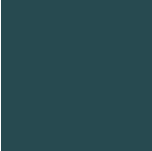
Dichromacy



Original Color
510FBD

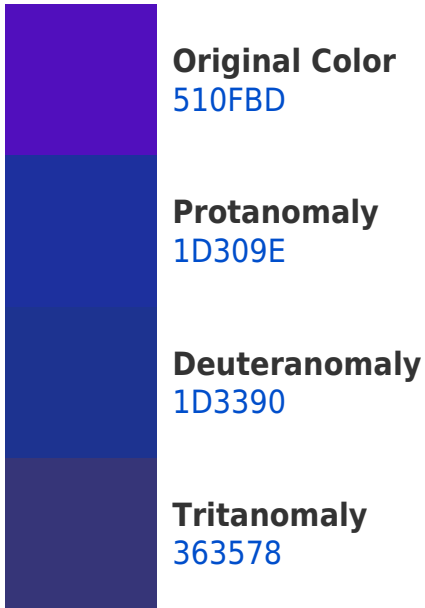
Protanopia
00438C

Deuteranopia
004777

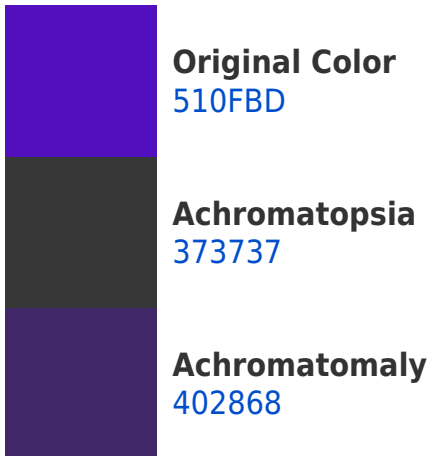


Tritanopia
274A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 510FBD 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 #510FBD looks like.

```
.text, #text, p{  
    color:#510FBD  
}
```

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 #510FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510FBD
}
```

Border

The CSS property to change the border of an element to Hex 510FBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

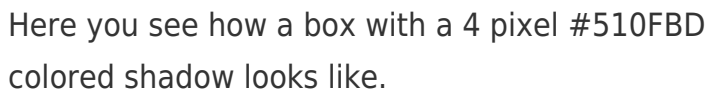
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510FBD }
```

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

```
.border{ border-color:#510FBD }
```

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



Here you see how a box with a 4 pixel #510FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510FBD; -webkit-box-shadow:4px 4px  
4px 4px #510FBD; box-shadow:4px 4px 4px  
4px #510FBD }
```

Background

The CSS property to change the background color of an element to Hex 510FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510FBD }
```

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

```
.background{ background-color:#510FBD }
```

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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