

Converting Colors

Hex(513BDC)

Have a look what the booklet for
Hex(513BDC) contains.

Hex(513BDC)	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(513BDC)

Conversions

Conversions Part 1

Format	Color
Hex	513BDC
RGB	81, 59, 220
RGB Percent	32%, 23%, 86%
CMY	0.6824, 0.7686, 0.1373
CMYK	0.63, 0.73, 0.00, 0.14
HSL	248°, 70%, 55%
HSV	248°, 73%, 86%
XYZ	17.8756, 10.0446, 68.7068
YIQ	83.9320, -38.5690, 54.7350

Conversions

Conversions Part 2

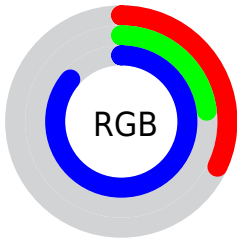
Format	Color
R_{YB}	81, 59, 220
Decimal	5323740
CIE _{Lab}	37.92, 54.05, -78.57
CIE _{LCh}	38, 95.367, 304.521
Yxy	10.0446, 0.1850, 0.1040
Android (android.graphics.Color)	4283513820 (0xFF513BDC)
YUV	83.9320, 67.0815, -2.5714
Hunter-Lab	31.6932, 45.2145, -106.3480

Details

The Hex color **513BDC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C6DC3B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **916DFF**, and **0008A3** is the 20% darker color. If you saturate the color by 10%, you get **3E25DC**, and if you desaturate by 10%, it is **6451DC**.

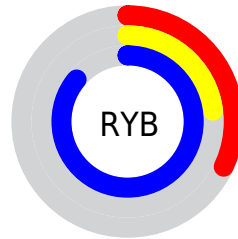
Distribution



Red (32%)

Green (23%)

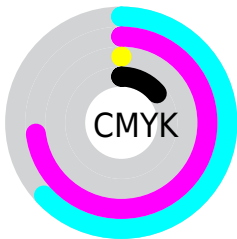
Blue (86%)



Red (32%)

Yellow (23%)

Blue (86%)

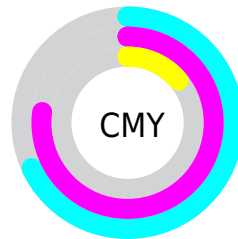


Cyan (63%)

Magenta (73%)

Yellow (0%)

Black (14%)



Cyan (68%)

Magenta (77%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513BDC 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 513BDC by changing the saturation by 10% instead.

 513BDC

 513BDC

FFFFFF

 2922BF

 916DFF

 0008A3

 B087FF

 000088

 CFA2FF

 00006E

 EDBEFF

 000A54

 FFDAFF

 00063C

 FFF7FF

 000225

 00010E

 000000

 513BDC

 513BDC

 3E25DC

 6451DC

 2B0FDC

 7767DC

 1E00DC

 8A7DDC

 9D93DC

 B0A9DC

 C3BFDC

 D6D5DC

 E9EBDC

 FCFFDC

Harmonies

Analogous

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



0063F8



513BDC



B8009D

Triad

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



513BDC



A03700



007464

Complementary

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



513BDC



C6DC3B

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.



007103



513BDC



635B00

Square

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



513BDC



C90002



006B00



0076B1

Rectangle

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



513BDC



D1006B



006B00



007348

Sweetspot

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



513BDC



CFC7FF



3BC7DC



635E80



000000



808080

Same Dimension

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



513BDC



3D1FFF



A13BDC



64636E



1800AD



06002E

Inverse Universe

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



DC3BC6



FF1FE0



76DC3B



6E636C



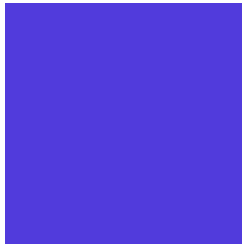
AD0096



2E0028

Previews

White Background



This preview shows how the Hex color 513BDC looks on a white background.

Color Contrast Check

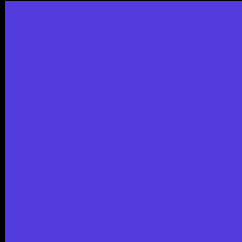
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 513BDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

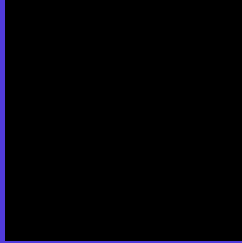
Any Text WCAG AA × Fail

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 513BDC Background



This preview shows how black text looks on a background with the Hex color 513BDC.



This preview shows how white text looks on a background with the Hex color 513BDC.

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
00636A

Trichromacy



Original Color
513BDC



Protanomaly
1D4CC3



Deuteranomaly
1D4FB2



Tritanomaly
1D5493

Monochromacy



Original Color
513BDC



Achromatopsia
545454



Achromatomaly
534B85

CSS Examples

Text

The CSS property to change the color of the text to Hex 513BDC 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 #513BDC looks like.

```
.text, #text, p{  
    color:#513BDC  
}
```

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 #513BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513BDC
}
```

Border

The CSS property to change the border of an element to Hex 513BDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

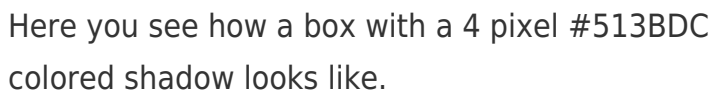
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513BDC }
```

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

```
.border{ border-color:#513BDC }
```

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



Here you see how a box with a 4 pixel #513BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513BDC; -webkit-box-shadow:4px 4px  
4px 4px #513BDC; box-shadow:4px 4px 4px  
4px #513BDC }
```

Background

The CSS property to change the background color of an element to Hex 513BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513BDC }
```

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

```
.background{ background-color:#513BDC }
```

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