

Converting Colors

Hex(513FC0)

Have a look what the booklet for
Hex(513FC0) contains.

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Color

Hex(513FC0)

Conversions

Conversions Part 1

Format	Color
Hex	513FC0
RGB	81, 63, 192
RGB Percent	32%, 25%, 75%
CMY	0.6824, 0.7529, 0.2471
CMYK	0.58, 0.67, 0.00, 0.25
HSL	248°, 51%, 50%
HSV	248°, 67%, 75%
XYZ	14.6853, 9.1101, 50.8536
YIQ	83.0880, -30.6810, 43.9350

Conversions

Conversions Part 2

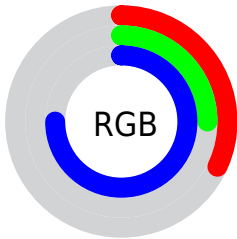
Format	Color
R_{YB}	81, 63, 192
Decimal	5324736
CIE _{Lab}	36.20, 43.32, -65.18
CIE _{LCh}	36, 78.263, 303.607
Yxy	9.1101, 0.1967, 0.1220
Android (android.graphics.Color)	4283514816 (0xFF513FC0)
YUV	83.0880, 53.6936, -1.8312
Hunter-Lab	30.1830, 34.0275, -78.7663

Details

The Hex color **513FC0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **AEC03F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C70F9**, and **001189** is the 20% darker color. If you saturate the color by 10%, you get **402CC0**, and if you desaturate by 10%, it is **6252C0**.

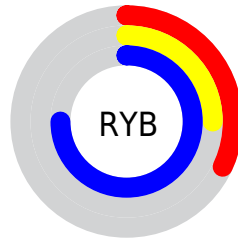
Distribution



Red (32%)

Green (25%)

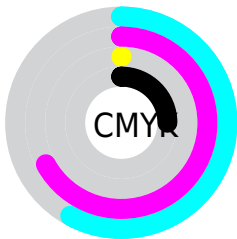
Blue (75%)



Red (32%)

Yellow (25%)

Blue (75%)

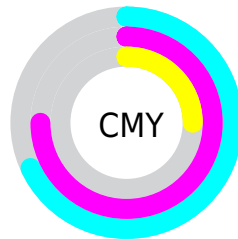


Cyan (58%)

Magenta (67%)

Yellow (0%)

Black (25%)



Cyan (68%)

Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513FC0 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 513FC0 by changing the saturation by 10% instead.

■ 513FC0

■ 513FC0

FFFFFF

■ 3028A4

■ 8C70F9

■ 001189

■ AA8AFF

■ 00006F

■ C7A5FF

■ 000056

■ E5C0FF

■ 00063D

■ FFDCFF

■ 000327

■ FFF9FF

■ 000110

■ 000000

■ 513FC0

■ 513FC0

■ 402CC0

■ 6252C0

■ 3019C0

■ 7265C0

■ 1F05C0

■ 8379C0

■ 1B00C0

■ 938CC0

■ A49FC0

■ B4B2C0

■ C5C5C0

■ D5D9C0

■ E6ECC0

Harmonies

Analogous

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



005CD6



513FC0



A2008E

Triad

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



513FC0



933A00



006D5B

Complementary

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



513FC0



AEC03F

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.



006A14



513FC0



625600

Square

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



513FC0



B40013



156400



006D9A

Rectangle

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



513FC0



B80066



156400



006C45

Sweetspot

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



513FC0



CFC8FA



3FAFC0



635F7D



FCFCFC



7D7D7D

Same Dimension

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



513FC0



4C2FFA



913FC0



595761



1600A1



050021

Inverse Universe

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



C03FAE



FA2FDE



6EC03F



615760



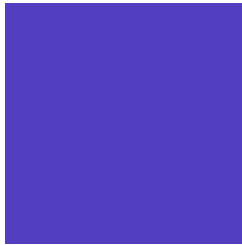
A1008A



21001D

Previews

White Background



This preview shows how the Hex color 513FC0 looks on a white background.

Color Contrast Check

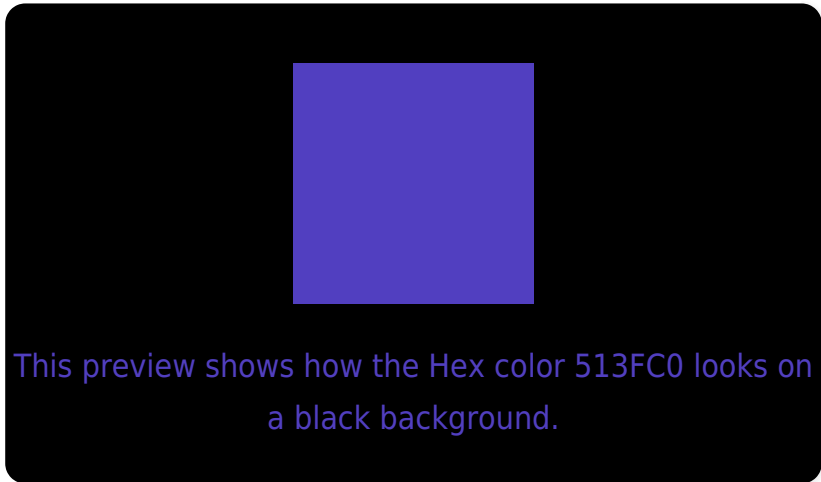
Large Text (above 18pt) WCAG AA ✓ Pass

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

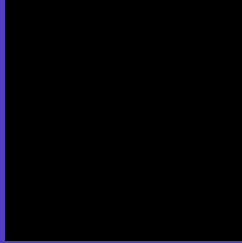
Any Text WCAG AA × Fail

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 513FC0 Background



This preview shows how black text looks on a background with the Hex color 513FC0.

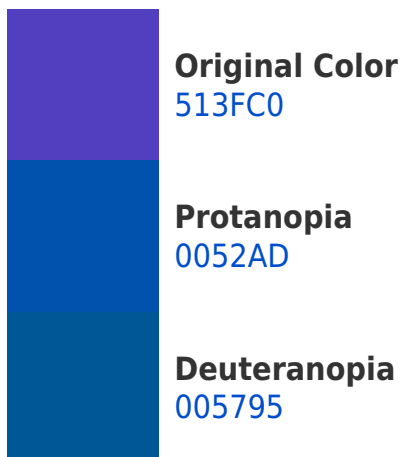


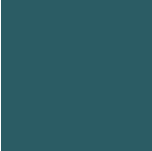
This preview shows how white text looks on a background with the Hex color 513FC0.

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
2B5C64

Trichromacy



Original Color
513FC0

Protanomaly
1D4BB4

Deuteranomaly
1D4EA5

Tritanomaly
395185

Monochromacy



Original Color
513FC0

Achromatopsia
535353

Achromatomaly
524C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 513FC0 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 #513FC0 looks like.

```
.text, #text, p{  
    color:#513FC0  
}
```

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 #513FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513FC0  
}
```

Border

The CSS property to change the border of an element to Hex 513FC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

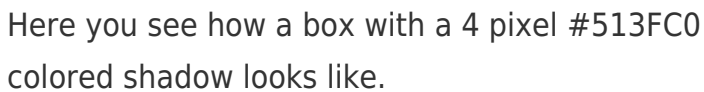
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#513FC0 }
```

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

```
.border{ border-color:#513FC0 }
```

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



Here you see how a box with a 4 pixel #513FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513FC0; -webkit-box-shadow:4px 4px  
4px 4px #513FC0; box-shadow:4px 4px 4px  
4px #513FC0 }
```

Background

The CSS property to change the background color of an element to Hex 513FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513FC0 }
```

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

```
.background{ background-color:#513FC0 }
```

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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