

Converting Colors

Hex(512FD7)

Have a look what the booklet for
Hex(512FD7) contains.

Hex(512FD7)	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(512FD7)

Conversions

Conversions Part 1

Format	Color
Hex	512FD7
RGB	81, 47, 215
RGB Percent	32%, 18%, 84%
CMY	0.6824, 0.8157, 0.1569
CMYK	0.62, 0.78, 0.00, 0.16
HSL	252°, 68%, 51%
HSV	252°, 78%, 84%
XYZ	16.6756, 8.6887, 65.0882
YIQ	76.3180, -33.6640, 59.4560

Conversions

Conversions Part 2

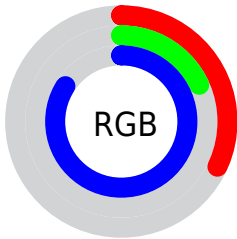
Format	Color
R_{YB}	81, 47, 215
Decimal	5320663
CIE _{Lab}	35.38, 58.45, -79.90
CIE _{LCh}	35, 98.996, 306.190
Yxy	8.6887, 0.1844, 0.0961
Android (android.graphics.Color)	4283510743 (0xFF512FD7)
YUV	76.3180, 68.3702, 4.1061
Hunter-Lab	29.4765, 49.3979, -110.2868

Details

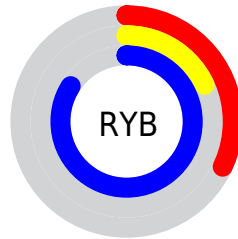
The Hex color **512FD7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **B5D72F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9162FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **401AD7**, and if you desaturate by 10%, it is **6245D7**.

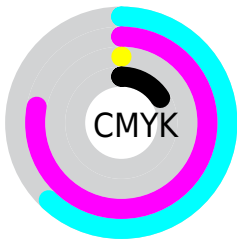
Distribution



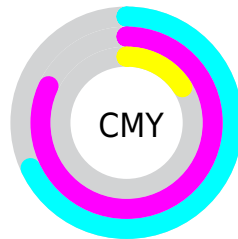
- Red (32%)
- Green (18%)
- Blue (84%)



- Red (32%)
- Yellow (18%)
- Blue (84%)



- Cyan (62%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512FD7 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 512FD7 by changing the saturation by 10% instead.

■ 512FD7

■ 512FD7

FFFFFF

■ 2A14BB

■ 9162FF

■ 00009F

■ B07CFF

■ 000084

■ CE97FF

■ 000069

■ EDB3FF

■ 000A50

■ FFCFFF

■ 000538

■ FFECFF

■ 000222

■ 000007

■ 000000

■ 512FD7

■ 512FD7

■ 401AD7

■ 6245D7

■ 2F04D7

■ 735AD7

■ 2C00D7

■ 8470D7

■ 9685D7

■ A79BD7

■ B8B0D7

■ C9C6D7

■ DADBD7

■ EBF1D7

Harmonies

Analogous

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



005CF7



512FD7



B70095

Triad

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



512FD7



963200



006E63

Complementary

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



512FD7



B5D72F

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.



006B00



512FD7



585600

Square

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



512FD7



C20000



006500



006FB1

Rectangle

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



512FD7



CE0061



006500



006D47

Sweetspot

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



512FD7



D0C4FF



2FB5D7



635C80



000000



808080

Same Dimension

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



512FD7



400FFF



A52FD7



63606B



2300AB



09002B

Inverse Universe

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



D72FB5



FF0FCE



61D72F



6B6069



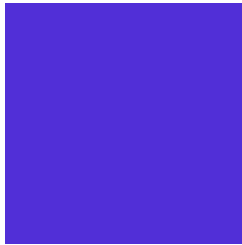
AB0088



2B0023

Previews

White Background



This preview shows how the Hex color 512FD7 looks on a white background.

Color Contrast Check

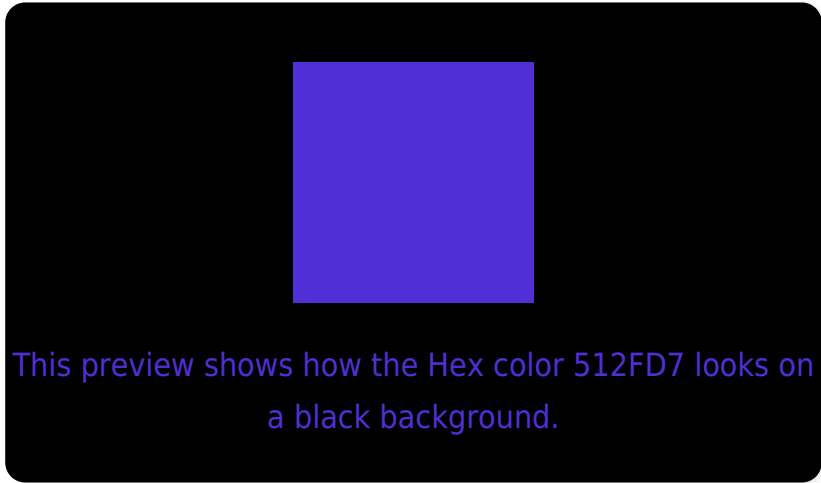
Large Text (above 18pt) WCAG AA ✓ Pass

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

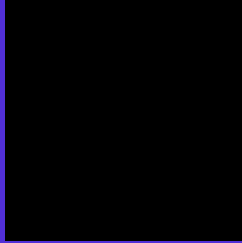
Any Text WCAG AA × Fail

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 512FD7 Background



This preview shows how black text looks on a background with the Hex color 512FD7.

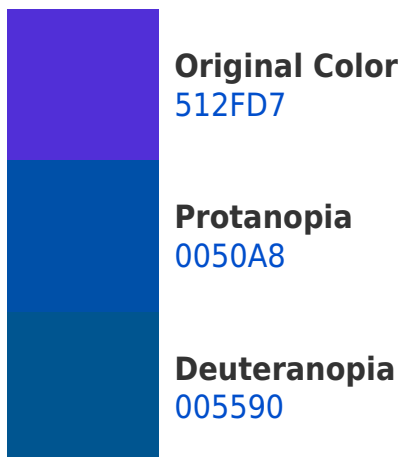



This preview shows how white text looks on a background with the Hex color 512FD7.

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](#).

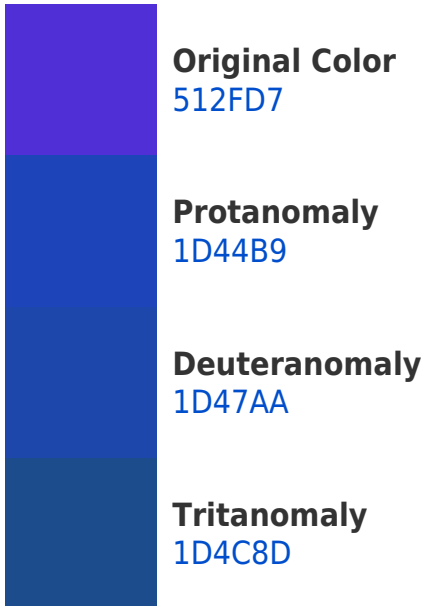
Dichromacy



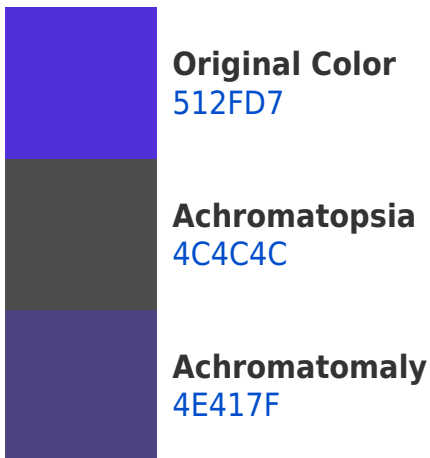


Tritanopia
005C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 512FD7 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 #512FD7 looks like.

```
.text, #text, p{  
    color:#512FD7  
}
```

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 #512FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512FD7
}
```

Border

The CSS property to change the border of an element to Hex 512FD7 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
#512FD7 }
```

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

```
.border{ border-color:#512FD7 }
```

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

Here you see how a box with a 4 pixel #512FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512FD7; -webkit-box-shadow:4px 4px  
4px 4px #512FD7; box-shadow:4px 4px 4px  
4px #512FD7 }
```

Background

The CSS property to change the background color of an element to Hex 512FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512FD7 }
```

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

```
.background{ background-color:#512FD7 }
```

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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