

# Converting Colors

Hex(520FFA)

Have a look what the booklet for  
Hex(520FFA) contains.

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**Color**

**Hex(520FFA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	520FFA
RGB	82, 15, 250
RGB Percent	32%, 6%, 98%
CMY	0.6784, 0.9412, 0.0196
CMYK	0.67, 0.94, 0.00, 0.02
HSL	257°, 96%, 52%
HSV	257°, 94%, 98%
XYZ	20.9058, 9.0376, 91.0851
YIQ	61.8230, -35.5030, 87.2890

# Conversions

## Conversions Part 2

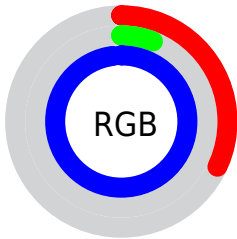
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 15, 250
Decimal	5378042
CIE <sub>Lab</sub>	36.06, 77.44, -98.70
CIE <sub>LCh</sub>	36, 125.448, 308.118
Yxy	9.0376, 0.1727, 0.0747
Android (android.graphics.Color)	4283568122 (0xFF520FFA)
YUV	61.8230, 92.7713, 17.6952
Hunter-Lab	30.0626, 71.5209, -158.5956

# Details

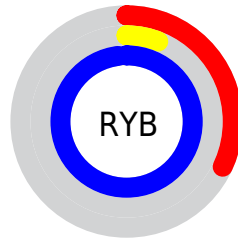
The Hex color **520FFA** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B7FA0F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9951FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **4700FA**, and if you desaturate by 10%, it is **6428FA**.

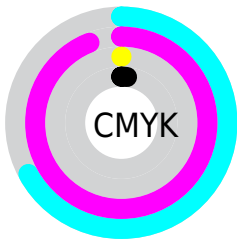
# Distribution



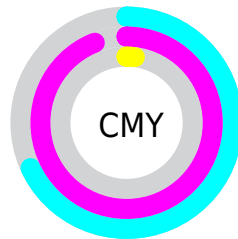
- Red (32%)
- Green (6%)
- Blue (98%)



- Red (32%)
- Yellow (6%)
- Blue (98%)



- Cyan (67%)
- Magenta (94%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (94%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 520FFA 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 520FFA by changing the saturation by 10% instead.



■ 520FFA

■ 520FFA

FFFFFF

■ 1E00DD

■ 9951FF

■ 0000C0

■ BA6DFF

■ 0000A3

■ DA88FF

■ 000088

■ FAA5FF

■ 00066D

■ FFC1FF

■ 000B54

■ FFDEFF

■ 00063C

■ FFFCFF

■ 000225

■ 00010D

■ 520FFA

■ 520FFA

■ 4700FA

■ 6428FA

■ 7641FA

■ 885AFA

■ 9973FA

■ AB8CFA

■ BDA5FA

■ CFBEFA

■ E1D7FA

■ F3F0FA

# Harmonies

## Analogous

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



0061FF



520FFA



D500A3

# Triad

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



520FFA



A02A00



007270

# Complementary

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



520FFA



B7FA0F

# 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.



007000



520FFA



4F5B00

# Square

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



520FFA



D90000



006B00



0076D3

# Rectangle

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



520FFA



EF0061



006B00



00714C



# Sweetspot

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



520FFA



CCB8FF



0FB7FA



615480



000000



808080



# Same Dimension

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



520FFA



4900FF



C70FFA



74707D



3600BD



11003D



# Inverse Universe

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



FA0FB7



FF00B6



42FA0F



7D7079



BD0087



3D002C



# Previews

## White Background



This preview shows how the Hex color 520FFA 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

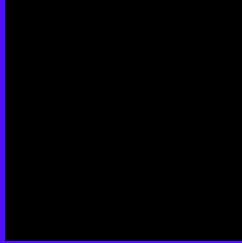
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 520FFA Background



This preview shows how black text looks on a background with the Hex color 520FFA.



This preview shows how white text looks on a background with the Hex color 520FFA.

# 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**  
520FFA

**Protanopia**  
0052AC

**Deuteranopia**  
005792



**Tritanopia**  
005E64

# Trichromacy



**Original Color**  
520FFA

**Protanomaly**  
1E3AC8

**Deuteranomaly**  
1E3DB8

**Tritanomaly**  
1E419B

# Monochromacy



**Original Color**  
520FFA

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
452D82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 520FFA 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 #520FFA looks like.

```
.text, #text, p{  
    color:#520FFA  
}
```

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 #520FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520FFA
}
```

## Border

The CSS property to change the border of an element to Hex 520FFA 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
#520FFA }
```

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

```
.border{ border-color:#520FFA }
```

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

Here you see how a box with a 4 pixel #520FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520FFA; -webkit-box-shadow:4px 4px  
4px 4px #520FFA; box-shadow:4px 4px 4px  
4px #520FFA }
```

# Background

The CSS property to change the background color of an element to Hex 520FFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520FFA }
```

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

```
.background{ background-color:#520FFA }
```

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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