

Converting Colors

Hex(511EE8)

Have a look what the booklet for
Hex(511EE8) contains.

Hex(511EE8)	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(511EE8)

Conversions

Conversions Part 1

Format	Color
Hex	511EE8
RGB	81, 30, 232
RGB Percent	32%, 12%, 91%
CMY	0.6824, 0.8824, 0.0902
CMYK	0.65, 0.87, 0.00, 0.09
HSL	255°, 81%, 51%
HSV	255°, 87%, 91%
XYZ	18.4231, 8.5041, 77.0144
YIQ	68.2770, -34.4460, 73.6340

Conversions

Conversions Part 2

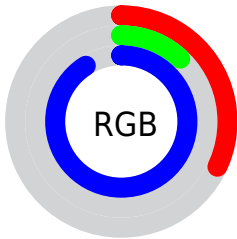
Format	Color
R _Y B	81, 30, 232
Decimal	5316328
CIE Lab	35.01, 69.49, -90.25
CIE LCh	35, 113.899, 307.595
Yxy	8.5041, 0.1772, 0.0818
Android (android.graphics.Color)	4283506408 (0xFF511EE8)
YUV	68.2770, 80.7154, 11.1581
Hunter-Lab	29.1617, 61.7354, -136.1680

Details

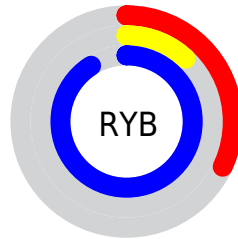
The Hex color **511EE8** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **B5E81E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9557FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **4007E8**, and if you desaturate by 10%, it is **6235E8**.

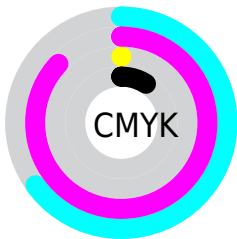
Distribution



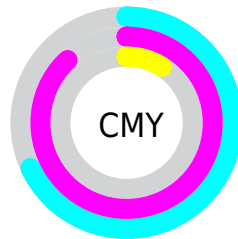
- Red (32%)
- Green (12%)
- Blue (91%)



- Red (32%)
- Yellow (12%)
- Blue (91%)



- Cyan (65%)
- Magenta (87%)
- Yellow (0%)
- Black (9%)




- Cyan (68%)
- Magenta (88%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 511EE8 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 511EE8 by changing the saturation by 10% instead.

 511EE8

 511EE8

FFFFFF

 2300CB

 9557FF

 0000AF

 B572FF

 000093

 D48DFF

 000078

 F4A9FF

 000B5E

 FFC5FF

 000845

 FFE2FF

 00042E

 000118

 000000

■ 511EE8

■ 511EE8

■ 4007E8

■ 6235E8

■ 3B00E8

■ 744CE8

■ 8564E8

■ 967BE8

■ A892E8

■ B9A9E8

■ CAC0E8

■ DCD8E8

■ EDEFE8

Harmonies

Analogous

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



005DFF



511EE8



C6009A

Triad

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



511EE8



992C00



006E69

Complementary

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



511EE8



B5E81E

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.



006C00



511EE8



505700

Square

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



511EE8



CC0000



006700



0071C3

Rectangle

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



511EE8



DE005E



006700



006D49

Sweetspot

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



511EE8



CDBDFF



1EB6E8



625880



000000



808080

Same Dimension

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



511EE8



4000FF



B61EE8



6A6773



2D00B3



0D0033

Inverse Universe

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



E81EB5



FF00BF



50E81E



736770



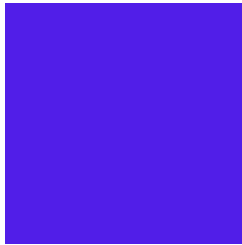
B30085



330026

Previews

White Background



This preview shows how the Hex color 511EE8 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 511EE8 Background



This preview shows how black text looks on a background with the Hex color 511EE8.



This preview shows how white text looks on a background with the Hex color 511EE8.

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
005B62

Trichromacy



Original Color
511EE8

Protanomaly
1D3DBF

Deuteranomaly
1D41AF

Tritanomaly
1D4593

Monochromacy



Original Color
511EE8

Achromatopsia
444444

Achromatomaly
493680

CSS Examples

Text

The CSS property to change the color of the text to Hex 511EE8 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 #511EE8 looks like.

```
.text, #text, p{  
    color:#511EE8  
}
```

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 #511EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #511EE8
}
```

Border

The CSS property to change the border of an element to Hex 511EE8 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".

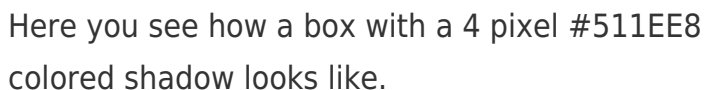
```
.border, #border, table{ border:4px solid
#511EE8 }
```

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

```
.border{ border-color:#511EE8 }
```

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

Here you see how a box with a 4 pixel #511EE8 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset in all directions from the box, creating a glowing effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #511EE8; -webkit-box-shadow:4px 4px  
4px 4px #511EE8; box-shadow:4px 4px 4px  
4px #511EE8 }
```

Background

The CSS property to change the background color of an element to Hex 511EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#511EE8 }
```

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

```
.background{ background-color:#511EE8 }
```

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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