

Converting Colors

Hex(5522EE)

Have a look what the booklet for
Hex(5522EE) contains.

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Color

Hex(5522EE)

Conversions

Conversions Part 1

Format	Color
Hex	5522EE
RGB	85, 34, 238
RGB Percent	33%, 13%, 93%
CMY	0.6667, 0.8667, 0.0667
CMYK	0.64, 0.86, 0.00, 0.07
HSL	255°, 86%, 53%
HSV	255°, 86%, 93%
XYZ	19.7510, 9.2484, 81.6330
YIQ	72.5050, -35.0880, 74.2560

Conversions

Conversions Part 2

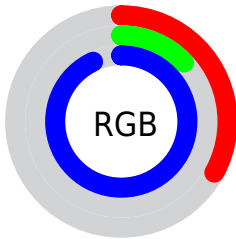
Format	Color
R_{YB}	85, 34, 238
Decimal	5579502
CIE _{Lab}	36.46, 70.04, -91.25
CIE _{LCh}	36, 115.029, 307.511
Yxy	9.2484, 0.1785, 0.0836
Android (android.graphics.Color)	4283769582 (0xFF5522EE)
YUV	72.5050, 81.5890, 10.9581
Hunter-Lab	30.4112, 62.7097, -137.8650

Details

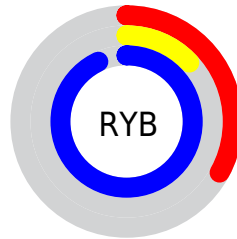
The Hex color **5522EE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **BBEE22**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **995AFF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **430AEE**, and if you desaturate by 10%, it is **673AEE**.

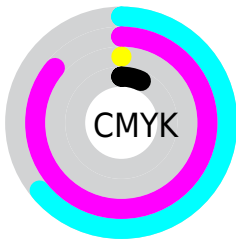
Distribution



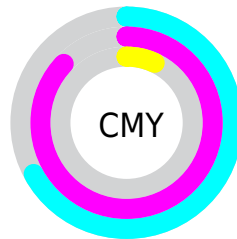
- Red (33%)
- Green (13%)
- Blue (93%)



- Red (33%)
- Yellow (13%)
- Blue (93%)



- Cyan (64%)
- Magenta (86%)
- Yellow (0%)
- Black (7%)



- Cyan (67%)
- Magenta (87%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5522EE 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 5522EE by changing the saturation by 10% instead.

 5522EE

 5522EE

FFFFFF

 2900D1

 995AFF

 0000B4

 B975FF

 000099

 D890FF

 00007E

 F8ACFF

 000763

 FFC9FF

 00094A

 FFE6FF

 000433

 00021D

 000000

■ 5522EE

■ 5522EE

■ 430AEE

■ 673AEE

■ 3B00EE

■ 7952EE

■ 8B69EE

■ 9C81EE

■ AE99EE

■ C0B1EE

■ D2C9EE

■ E4E0EE

■ F6F8EE

Harmonies

Analogous

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



0061FF



5522EE



CB009F

Triad

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



5522EE



9E2F00



00726C

Complementary

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



5522EE



BBEE22

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



5522EE



545B00

Square

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



5522EE



D20000



006A00



0075C8

Rectangle

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



5522EE



E40062



006A00



00724C

Sweetspot

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



5522EE



CDBDFF



22BBEE



625880



000000



808080

Same Dimension

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



5522EE



4000FF



BB22EE



6F6C78



2E00B8



0E0038

Inverse Universe

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



EE22BB



FF00BF



55EE22



786C75



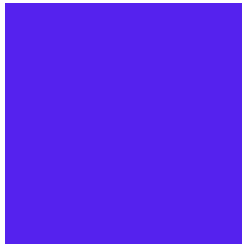
B8008A



38002A

Previews

White Background



This preview shows how the Hex color 5522EE 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

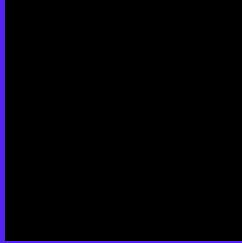
Any Text WCAG AA × Fail

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 5522EE Background



This preview shows how black text looks on a background with the Hex color 5522EE.

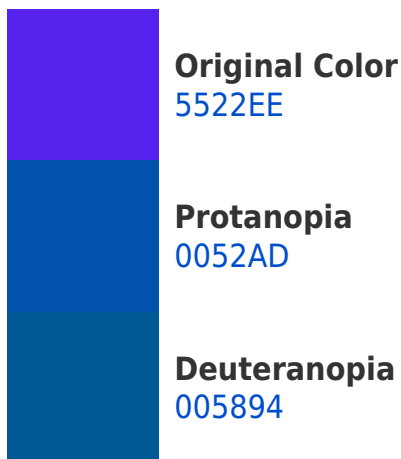


This preview shows how white text looks on a background with the Hex color 5522EE.

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
005F66

Trichromacy



Original Color
5522EE



Protanomaly
1F41C5



Deuteranomaly
1F44B5



Tritanomaly
1F4997

Monochromacy



Original Color
5522EE



Achromatopsia
494949



Achromatomaly
4D3B85

CSS Examples

Text

The CSS property to change the color of the text to Hex 5522EE 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 #5522EE looks like.

```
.text, #text, p{  
    color:#5522EE  
}
```

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 #5522EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5522EE
}
```

Border

The CSS property to change the border of an element to Hex 5522EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

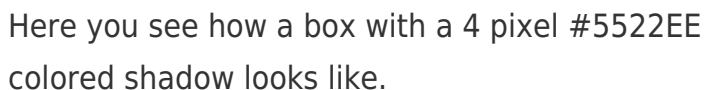
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5522EE }
```

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

```
.border{ border-color:#5522EE }
```

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



Here you see how a box with a 4 pixel #5522EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5522EE; -webkit-box-shadow:4px 4px  
4px 4px #5522EE; box-shadow:4px 4px 4px  
4px #5522EE }
```

Background

The CSS property to change the background color of an element to Hex 5522EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5522EE }
```

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

```
.background{ background-color:#5522EE }
```

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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