

# Converting Colors

Hex(5533E8)

Have a look what the booklet for  
Hex(5533E8) contains.

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# Color

**Hex(5533E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5533E8
RGB	85, 51, 232
RGB Percent	33%, 20%, 91%
CMY	0.6667, 0.8000, 0.0902
CMYK	0.63, 0.78, 0.00, 0.09
HSL	251°, 80%, 55%
HSV	251°, 78%, 91%
XYZ	19.4956, 10.1251, 77.2707
YIQ	81.8000, -37.8370, 63.4990

# Conversions

## Conversions Part 2

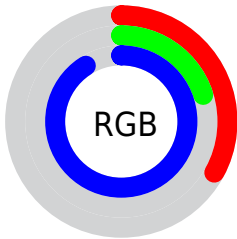
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 51, 232
Decimal	5583848
CIE Lab	38.07, 61.83, -85.18
CIE LCh	38, 105.253, 305.976
Yxy	10.1251, 0.1824, 0.0947
Android (android.graphics.Color)	4283773928 (0xFF5533E8)
YUV	81.8000, 74.0486, 2.8064
Hunter-Lab	31.8200, 53.6791, -121.7039

# Details

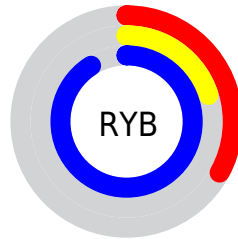
The Hex color **5533E8** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **C6E833**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9767FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **421CE8**, and if you desaturate by 10%, it is **684AE8**.

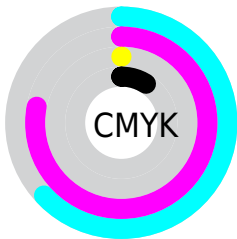
# Distribution



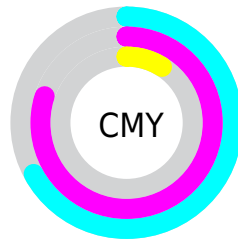
- Red (33%)
- Green (20%)
- Blue (91%)



- Red (33%)
- Yellow (20%)
- Blue (91%)



- Cyan (63%)
- Magenta (78%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (80%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5533E8 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 5533E8 by changing the saturation by 10% instead.



 5533E8

 5533E8

FFFFFF

 2C18CB

 9767FF

 0000AF

 B681FF

 000093

 D59CFF

 000078

 F5B8FF

 00065E

 FFD4FF

 000846

 FFF1FF

 00042E

 000119

 000000

■ 5533E8

■ 5533E8

■ 421CE8

■ 684AE8

■ 2F05E8

■ 7B61E8

■ 2C00E8

■ 8E79E8

■ A090E8

■ B3A7E8

■ C6BEE8

■ D9D5E8

■ ECEDE8

■ FFFFE8

# Harmonies

## Analogous

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



0064FF



5533E8



C400A1

# Triad

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



5533E8



A23500



00766A

# Complementary

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



5533E8



C6E833

# 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.



007300



5533E8



5F5D00

# Square

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



5533E8



D10000



006D00



0078BE

# Rectangle

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



5533E8



DE0069



006D00



00754B



# Sweetspot

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



5533E8



CFC4FF



33C7E8



635C80



000000



808080



# Same Dimension

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



5533E8



3C0FFF



AF33E8



696773



2200B3



0A0033



# Inverse Universe

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



E833C6



FF0FD2



6CE833



736771



B30091



330029



# Previews

## White Background



This preview shows how the Hex color 5533E8 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5533E8 Background



This preview shows how black text looks on a background with the Hex color 5533E8.

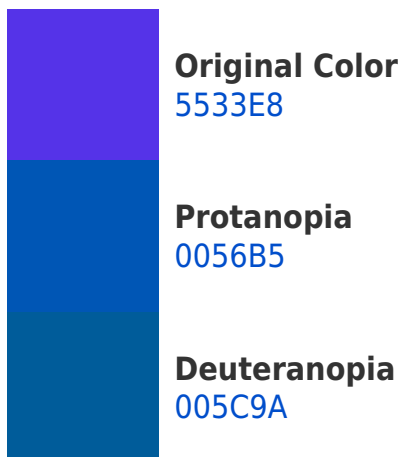


This preview shows how white text looks on a background with the Hex color 5533E8.

# 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**  
00636A

# Trichromacy



**Original Color**  
5533E8



**Protanomaly**  
1F49C8



**Deuteranomaly**  
1F4DB6



**Tritanomaly**  
1F5298

# Monochromacy



**Original Color**  
5533E8



**Achromatopsia**  
525252



**Achromatomaly**  
534789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5533E8 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 #5533E8 looks like.

```
.text, #text, p{  
    color:#5533E8  
}
```

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 #5533E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5533E8
}
```

## Border

The CSS property to change the border of an element to Hex 5533E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

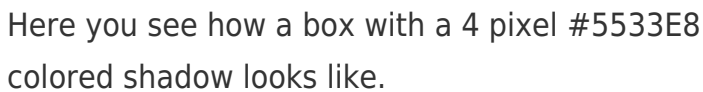
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5533E8 }
```

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

```
.border{ border-color:#5533E8 }
```

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



Here you see how a box with a 4 pixel #5533E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5533E8; -webkit-box-shadow:4px 4px  
4px 4px #5533E8; box-shadow:4px 4px 4px  
4px #5533E8 }
```

# Background

The CSS property to change the background color of an element to Hex 5533E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5533E8 }
```

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

```
.background{ background-color:#5533E8 }
```

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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