

# Converting Colors

Hex(5544E2)

Have a look what the booklet for  
Hex(5544E2) contains.

<b>Hex(5544E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5544E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5544E2
RGB	85, 68, 226
RGB Percent	33%, 27%, 89%
CMY	0.6667, 0.7333, 0.1137
CMYK	0.62, 0.70, 0.00, 0.11
HSL	246°, 73%, 58%
HSV	246°, 70%, 89%
XYZ	19.5409, 11.5565, 73.1522
YIQ	91.0950, -40.5860, 52.7420

# Conversions

## Conversions Part 2

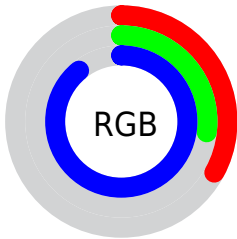
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 68, 226
Decimal	5588194
CIE <sub>Lab</sub>	40.50, 51.56, -77.75
CIE <sub>LCh</sub>	41, 93.290, 303.549
Yxy	11.5565, 0.1874, 0.1109
Android (android.graphics.Color)	4283778274 (0xFF5544E2)
<b>YUV</b>	91.0950, 66.5082, -5.3453
Hunter-Lab	33.9949, 43.1141, -103.7873

# Details

The Hex color **5544E2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D1E244**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9576FF**, and **0014A9** is the 20% darker color. If you saturate the color by 10%, you get **412DE2**, and if you desaturate by 10%, it is **695BE2**.

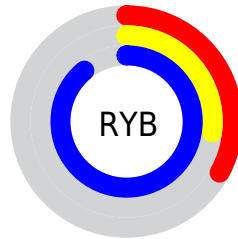
# Distribution



Red (33%)

Green (27%)

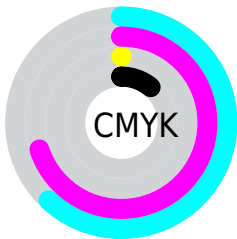
Blue (89%)



Red (33%)

Yellow (27%)

Blue (89%)

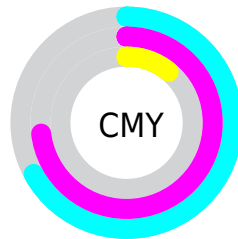


Cyan (62%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (73%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5544E2 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 5544E2 by changing the saturation by 10% instead.



■ 5544E2

■ 5544E2

FFFFFF

■ 2F2CC5

■ 9576FF

■ 0014A9

■ B490FF

■ 00008E

■ D2ABFF

■ 000073

■ F1C7FF

■ 00055A

■ FFE3FF

■ 000741

■ 00032A

■ 000114

■ 000000

■ 5544E2

■ 5544E2

■ 412DE2

■ 695BE2

■ 2D17E2

■ 7D71E2

■ 1800E2

■ 9288E2

■ A69EE2

■ BAB5E2

■ CECCE2

■ E2E2E2

■ F6F9E2

■ FFFFE2

# Harmonies

## Analogous

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



0069FD



5544E2



BC00A5

# Triad

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



5544E2



A83D00



007B67

# Complementary

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



5544E2



D1E244

# 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.



00780B



5544E2



6D6000

# Square

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



5544E2



D0000E



007100



007CB4

# Rectangle

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



5544E2



D60074



007100



007A4C



# Sweetspot

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



5544E2



CFC9FF



44D2E2



636080



000000



808080



# Same Dimension

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



5544E2



4029FF



A344E2



666570



1300B0



050030



# Inverse Universe

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



E244D1



FF29E8



83E244



70656F



B0009D

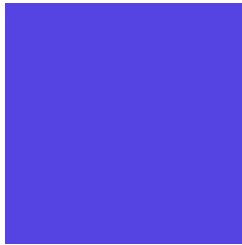


30002B



# Previews

## White Background



This preview shows how the Hex color 5544E2 looks on a white background.

## Color Contrast Check

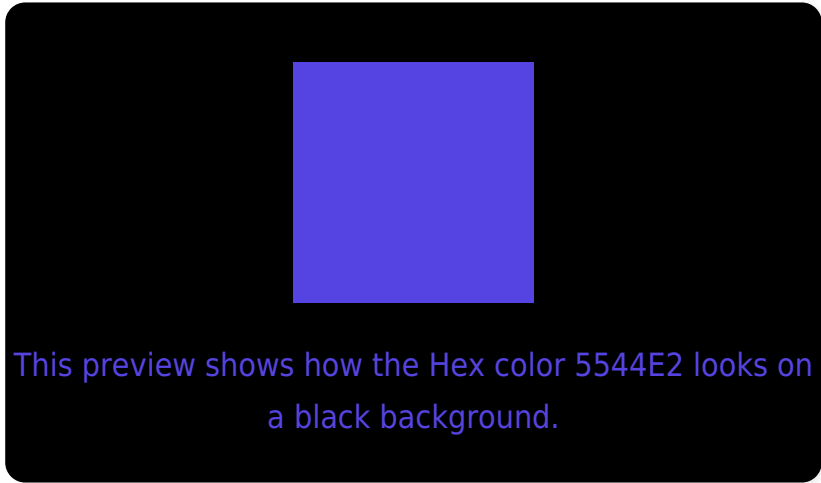
Large Text (above 18pt) WCAG AA ✓ Pass

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

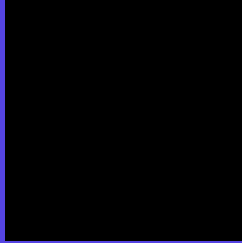
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5544E2 Background



This preview shows how black text looks on a background with the Hex color 5544E2.

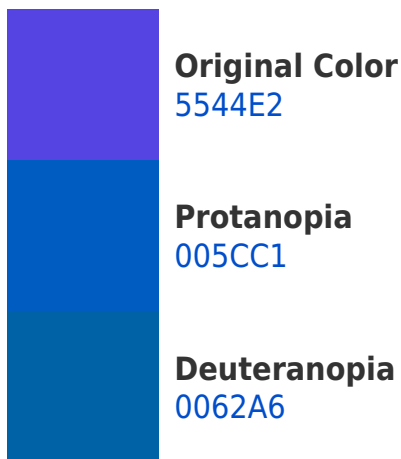


This preview shows how white text looks on a background with the Hex color 5544E2.

# Color Blindness Simulation

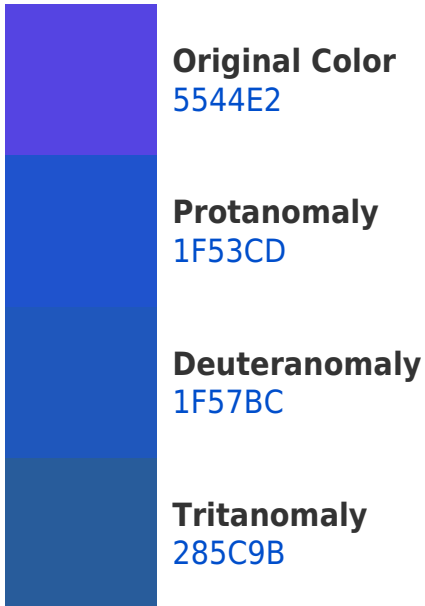
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

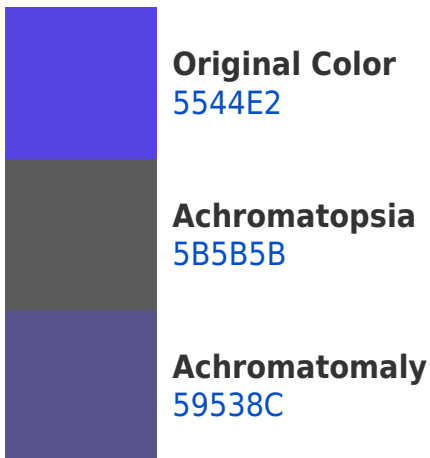




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5544E2 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 #5544E2 looks like.

```
.text, #text, p{  
    color:#5544E2  
}
```

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 #5544E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5544E2
}
```

## Border

The CSS property to change the border of an element to Hex 5544E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

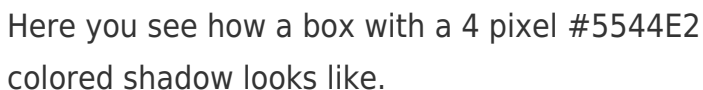
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5544E2 }
```

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

```
.border{ border-color:#5544E2 }
```

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



Here you see how a box with a 4 pixel #5544E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5544E2; -webkit-box-shadow:4px 4px  
4px 4px #5544E2; box-shadow:4px 4px 4px  
4px #5544E2 }
```

# Background

The CSS property to change the background color of an element to Hex 5544E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5544E2 }
```

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

```
.background{ background-color:#5544E2 }
```

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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