

Converting Colors

Hex(5445EE)

Have a look what the booklet for
Hex(5445EE) contains.

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Color

Hex(5445EE)

Conversions

Conversions Part 1

Format	Color
Hex	5445EE
RGB	84, 69, 238
RGB Percent	33%, 27%, 93%
CMY	0.6706, 0.7294, 0.0667
CMYK	0.65, 0.71, 0.00, 0.07
HSL	245°, 83%, 60%
HSV	245°, 71%, 93%
XYZ	21.2169, 12.3141, 82.1475
YIQ	92.7510, -45.3090, 55.7390

Conversions

Conversions Part 2

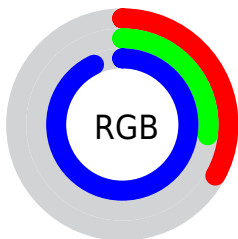
Format	Color
R_{YB}	84, 69, 238
Decimal	5522926
CIE _{Lab}	41.71, 54.55, -82.57
CIE _{LCh}	42, 98.964, 303.453
Yxy	12.3141, 0.1834, 0.1065
Android (android.graphics.Color)	4283713006 (0xFF5445EE)
YUV	92.7510, 71.6078, -7.6746
Hunter-Lab	35.0915, 46.5141, -114.2312

Details

The Hex color **5445EE** 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 **DFEE45**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9677FF**, and **0014B5** is the 20% darker color. If you saturate the color by 10%, you get **3E2DEE**, and if you desaturate by 10%, it is **6A5DEE**.

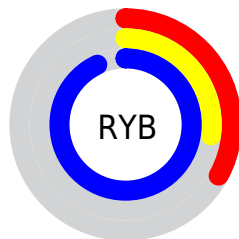
Distribution



 Red (33%)

 Green (27%)

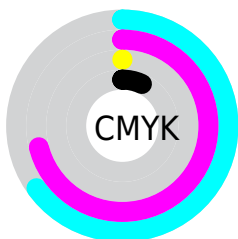
 Blue (93%)





 Red (33%)

 Yellow (27%)

 Blue (93%)

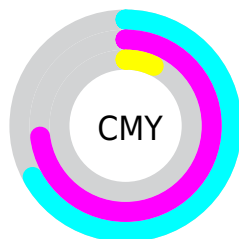



 Cyan (65%)


 Magenta (71%)

 Yellow (0%)

 Black (7%)



 Cyan (67%)

 Magenta (73%)

 Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5445EE 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 5445EE by changing the saturation by 10% instead.

 5445EE

 5445EE

FFFFFF

 2A2DD1

 9677FF

 0014B5

 B592FF

 000099

 D4ADFF

 00007E

 F3C9FF

 000264

 FFE5FF

 00094B

 000433

 00021D

 000000

■ 5445EE

■ 5445EE

■ 3E2DEE

■ 6A5DEE

■ 2915EE

■ 7F75EE

■ 1500EE

■ 958CEE

■ ABA4EE

■ C0BCEE

■ D6D4EE

■ ECECEE

■ FFFFEE

Harmonies

Analogous

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



006DFF



5445EE



C400AD

Triad

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



5445EE



AF3C00



007F6A

Complementary

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



5445EE



DFEE45

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.



007C03



5445EE



706300

Square

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



5445EE



DA000B



007500



0081BC

Rectangle

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



5445EE



E00078



007500



007E4D

Sweetspot

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



5445EE



CEC9FF



45E0EE



626080



000000



808080

Same Dimension

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



5445EE



3926FF



A845EE



6D6C78



1000B8



050038

Inverse Universe

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



EE45DF



FF26EC



8BEE45



786C77



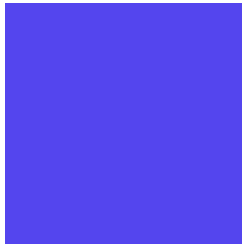
B800A7



380033

Previews

White Background



This preview shows how the Hex color 5445EE 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

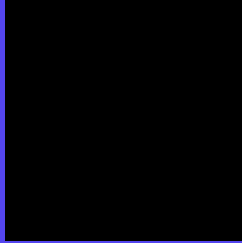
Any Text WCAG AA × Fail

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 5445EE Background



This preview shows how black text looks on a background with the Hex color 5445EE.

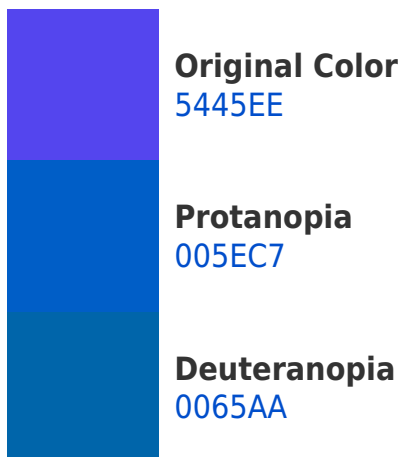


This preview shows how white text looks on a background with the Hex color 5445EE.

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](#).

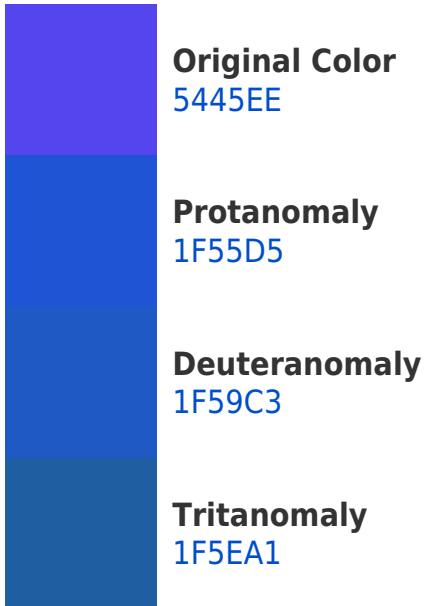
Dichromacy



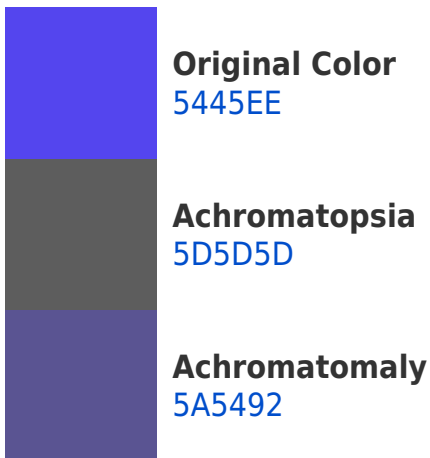


Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5445EE 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 #5445EE looks like.

```
.text, #text, p{  
    color:#5445EE  
}
```

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 #5445EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5445EE
}
```

Border

The CSS property to change the border of an element to Hex 5445EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

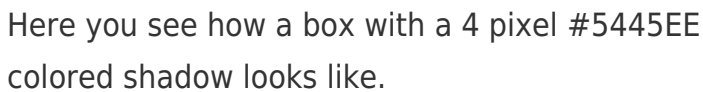
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5445EE }
```

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

```
.border{ border-color:#5445EE }
```

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



Here you see how a box with a 4 pixel #5445EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5445EE; -webkit-box-shadow:4px 4px  
4px 4px #5445EE; box-shadow:4px 4px 4px  
4px #5445EE }
```

Background

The CSS property to change the background color of an element to Hex 5445EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5445EE }
```

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

```
.background{ background-color:#5445EE }
```

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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