

Converting Colors

Hex(5145E5)

Have a look what the booklet for
Hex(5145E5) contains.

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Color

Hex(5145E5)

Conversions

Conversions Part 1

Format	Color
Hex	5145E5
RGB	81, 69, 229
RGB Percent	32%, 27%, 90%
CMY	0.6824, 0.7294, 0.1020
CMYK	0.65, 0.70, 0.00, 0.10
HSL	244°, 75%, 58%
HSV	244°, 70%, 90%
XYZ	19.6643, 11.6627, 75.3434
YIQ	90.8280, -44.2080, 52.3040

Conversions

Conversions Part 2

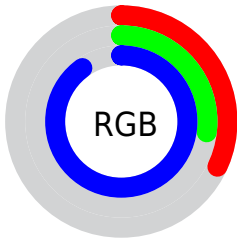
Format	Color
R_{YB}	81, 69, 229
Decimal	5326309
CIE _{Lab}	40.67, 51.43, -79.18
CIE _{LCh}	41, 94.421, 303.006
Yxy	11.6627, 0.1843, 0.1093
Android (android.graphics.Color)	4283516389 (0xFF5145E5)
YUV	90.8280, 68.1188, -8.6192
Hunter-Lab	34.1507, 43.0183, -106.9003

Details

The Hex color **5145E5** 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 **D9E545**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9277FF**, and **0016AC** is the 20% darker color. If you saturate the color by 10%, you get **3C2EE5**, and if you desaturate by 10%, it is **665CE5**.

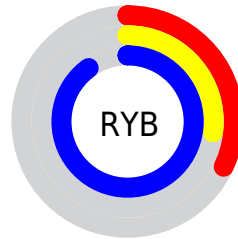
Distribution



Red (32%)

Green (27%)

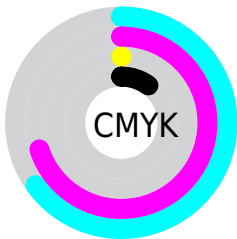
Blue (90%)



Red (32%)

Yellow (27%)

Blue (90%)

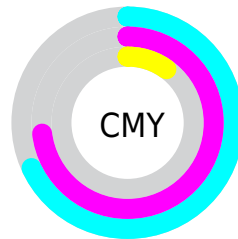


Cyan (65%)

Magenta (70%)

Yellow (0%)

Black (10%)



Cyan (68%)

Magenta (73%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5145E5 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 5145E5 by changing the saturation by 10% instead.

 5145E5

 5145E5

FFFFFF

 282DC8

 9277FF

 0016AC

 B191FF

 000091

 D0ACFF

 000076

 EFC8FF

 00055C

 FFE4FF

 000744

 00032C

 000117

 000000

■ 5145E5

■ 5145E5

■ 3C2EE5

■ 665CE5

■ 2717E5

■ 7B73E5

■ 1100E5

■ 918AE5

■ A6A1E5

■ BBB8E5

■ D0CEE5

■ E5E5E5

■ FAFCE5

■ FFFFE5

Harmonies

Analogous

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



006AFF



5145E5



BC00A8

Triad

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



5145E5



AA3B00



007C66

Complementary

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



5145E5



D9E545

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.



007806



5145E5



6F6000

Square

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



5145E5



D3000F



007100



007DB4

Rectangle

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



5145E5



D80076



007100



007B4B

Sweetspot

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



5145E5



CDC9FF



45DAE5



626080



000000



808080

Same Dimension

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



5145E5



3929FF



A045E5



686773



0D00B3



040033

Inverse Universe

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



E545D9



FF29EF



8AE545



736772



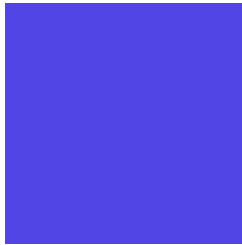
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 5145E5 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

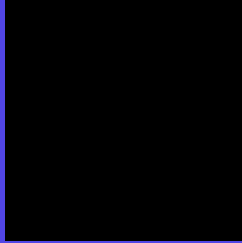
Any Text WCAG AA × Fail

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 5145E5 Background



This preview shows how black text looks on a background with the Hex color 5145E5.

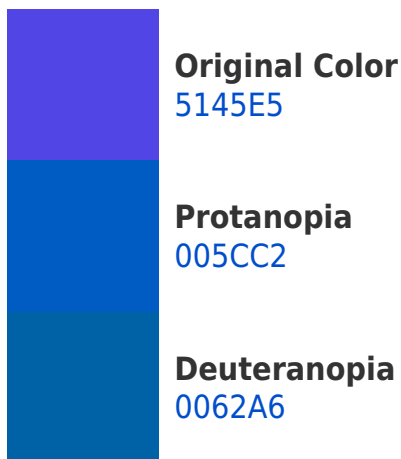


This preview shows how white text looks on a background with the Hex color 5145E5.

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
006A72

Trichromacy



Original Color
5145E5

Protanomaly
1D54CF

Deuteranomaly
1D57BD

Tritanomaly
1D5D9C

Monochromacy



Original Color
5145E5

Achromatopsia
5B5B5B

Achromatomaly
57538D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5145E5 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 #5145E5 looks like.

```
.text, #text, p{  
    color:#5145E5  
}
```

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 #5145E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5145E5
}
```

Border

The CSS property to change the border of an element to Hex 5145E5 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".

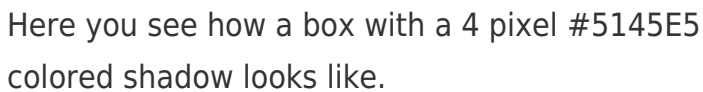
```
.border, #border, table{ border:4px solid
#5145E5 }
```

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

```
.border{ border-color:#5145E5 }
```

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

Here you see how a box with a 4 pixel #5145E5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5145E5; -webkit-box-shadow:4px 4px  
4px 4px #5145E5; box-shadow:4px 4px 4px  
4px #5145E5 }
```

Background

The CSS property to change the background color of an element to Hex 5145E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5145E5 }
```

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

```
.background{ background-color:#5145E5 }
```

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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