

Converting Colors

Hex(5535E5)

Have a look what the booklet for
Hex(5535E5) contains.

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Color

Hex(5535E5)

Conversions

Conversions Part 1

Format	Color
Hex	5535E5
RGB	85, 53, 229
RGB Percent	33%, 21%, 90%
CMY	0.6667, 0.7922, 0.1020
CMYK	0.63, 0.77, 0.00, 0.10
HSL	251°, 77%, 55%
HSV	251°, 77%, 90%
XYZ	19.1623, 10.1346, 75.0750
YIQ	82.6320, -37.4240, 61.5200

Conversions

Conversions Part 2

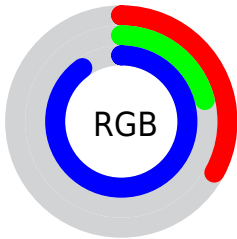
Format	Color
R _{YB}	85, 53, 229
Decimal	5584357
CIE Lab	38.08, 60.07, -83.44
CIE LCh	38, 102.814, 305.749
Yxy	10.1346, 0.1836, 0.0971
Android (android.graphics.Color)	4283774437 (0xFF5535E5)
YUV	82.6320, 72.1594, 2.0767
Hunter-Lab	31.8350, 51.7325, -117.5365

Details

The Hex color **5535E5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **C5E535**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9668FF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **421EE5**, and if you desaturate by 10%, it is **684CE5**.

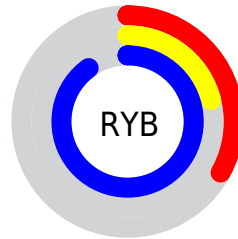
Distribution



Red (33%)

Green (21%)

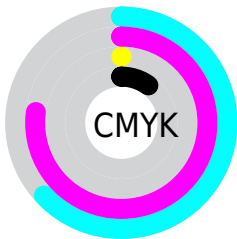
Blue (90%)



Red (33%)

Yellow (21%)

Blue (90%)

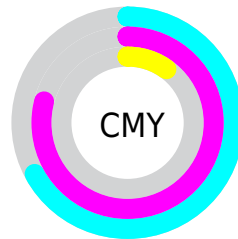


Cyan (63%)

Magenta (77%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (79%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5535E5 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 5535E5 by changing the saturation by 10% instead.

■ 5535E5

■ 5535E5

FFFFFF

■ 2D1AC8

■ 9668FF

■ 0000AC

■ B583FF

■ 000090

■ D49EFF

■ 000076

■ F3B9FF

■ 00075C

■ FFD6FF

■ 000743

■ FFF3FF

■ 00032C

■ 000116

■ 000000

 5535E5

 5535E5

 421EE5

 684CE5

 3007E5

 7A63E5

 2A00E5

 8D7AE5

 A091E5

 B3A8E5

 C5BEE5

 D8D5E5

 EBCEE5

 FEFFE5

Harmonies

Analogous

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



0063FF



5535E5



C100A0

Triad

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



5535E5



A13600



007669

Complementary

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



5535E5



C5E535

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



5535E5



605D00

Square

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



5535E5



CF0000



006D00



0077BB

Rectangle

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



5535E5



DB006A



006D00



00754B

Sweetspot

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



5535E5



CFC4FF



35C8E5



625C80



000000



808080

Same Dimension

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



5535E5



3F14FF



AA35E5



696773



2000B3



090033

Inverse Universe

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



E535C5



FF14D4



70E535



736771



B30092



33002A

Previews

White Background



This preview shows how the Hex color 5535E5 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 5535E5 Background



This preview shows how black text looks on a background with the Hex color 5535E5.



This preview shows how white text looks on a background with the Hex color 5535E5.

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](#).

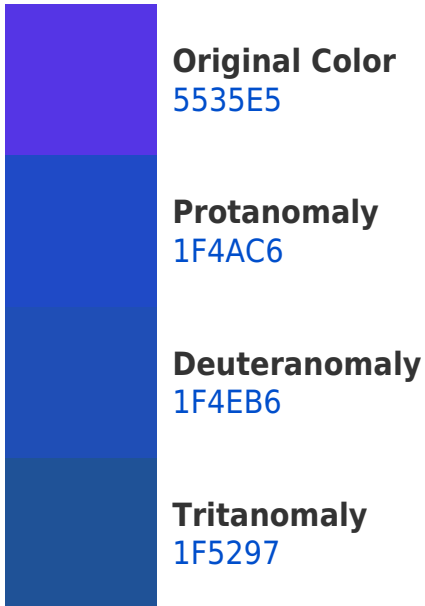
Dichromacy





Tritanopia
00636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5535E5 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 #5535E5 looks like.

```
.text, #text, p{  
    color:#5535E5  
}
```

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 #5535E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5535E5
}
```

Border

The CSS property to change the border of an element to Hex 5535E5 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
#5535E5 }
```

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

```
.border{ border-color:#5535E5 }
```

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

Here you see how a box with a 4 pixel #5535E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5535E5; -webkit-box-shadow:4px 4px  
4px 4px #5535E5; box-shadow:4px 4px 4px  
4px #5535E5 }
```

Background

The CSS property to change the background color of an element to Hex 5535E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5535E5 }
```

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

```
.background{ background-color:#5535E5 }
```

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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