

Converting Colors

Hex(545ED0)

Have a look what the booklet for
Hex(545ED0) contains.

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Color

Hex(545ED0)

Conversions

Conversions Part 1

Format	Color
Hex	545ED0
RGB	84, 94, 208
RGB Percent	33%, 37%, 82%
CMY	0.6706, 0.6314, 0.1843
CMYK	0.60, 0.55, 0.00, 0.18
HSL	235°, 57%, 57%
HSV	235°, 60%, 82%
XYZ	19.0440, 14.4443, 61.4588
YIQ	104.0060, -42.5540, 33.3340

Conversions

Conversions Part 2

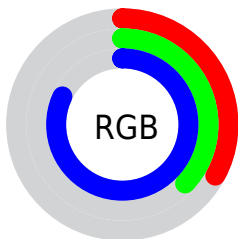
Format	Color
R_{YB}	84, 93, 208
Decimal	5529296
CIE _{Lab}	44.86, 30.24, -60.35
CIE _{LCh}	45, 67.501, 296.612
Yxy	14.4443, 0.2006, 0.1521
Android (android.graphics.Color)	4283719376 (0xFF545ED0)
YUV	104.0060, 51.2690, -17.5453
Hunter-Lab	38.0056, 22.9336, -69.2737

Details

The Hex color **545ED0** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D0C654**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9090FF**, and **003099** is the 20% darker color. If you saturate the color by 10%, you get **3F4BD0**, and if you desaturate by 10%, it is **6971D0**.

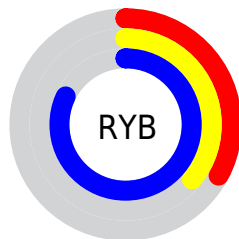
Distribution



Red (33%)

Green (37%)

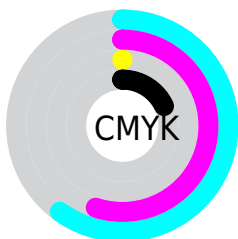
Blue (82%)



Red (33%)

Yellow (36%)

Blue (82%)

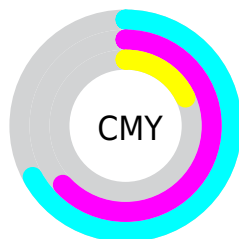


Cyan (60%)

Magenta (55%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (63%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545ED0 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 545ED0 by changing the saturation by 10% instead.

■ 545ED0

■ 545ED0

FFFFFF

■ 3346B4

■ 9090FF

■ 003099

■ ADABFF

■ 001C7E

■ CBC6FF

■ 000864

■ E8E2FF

■ 00034B

■ 000434

■ 00021E

■ 000000

■ 545ED0

■ 545ED0

■ 3F4BD0

■ 6971D0

■ 2A38D0

■ 7E84D0

■ 1625D0

■ 9297D0

■ 0112D0

■ A7AAD0

■ 0011D0

■ BCBED0

■ D1D1D0

■ E6E4D0

■ FAF7D0

■ FFFF00

Harmonies

Analogous

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



0073DC



545ED0



A63EA9

Triad

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



545ED0



B04D00



008262

Complementary

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



545ED0



D0C654

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.



007E26



545ED0



866600

Square

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



545ED0



C82D3C



507500



00829B

Rectangle

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



545ED0



C02886



507500



00814E

Sweetspot

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



545ED0



D1D5FF



54D0C6



636680



000000



808080

Same Dimension

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



545ED0



4756FF



8854D0



5E5F69



000EA8



000329

Inverse Universe

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



D0545E



FF4756



9CD054



695E5F



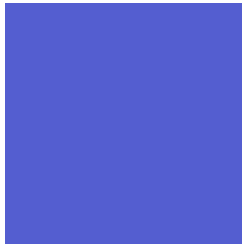
A8000E



290003

Previews

White Background



This preview shows how the Hex color 545ED0 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



This preview shows how the Hex color 545ED0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

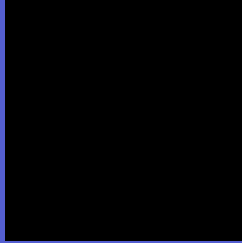
Any Text WCAG AA × Fail

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 545ED0 Background



This preview shows how black text looks on a background with the Hex color 545ED0.

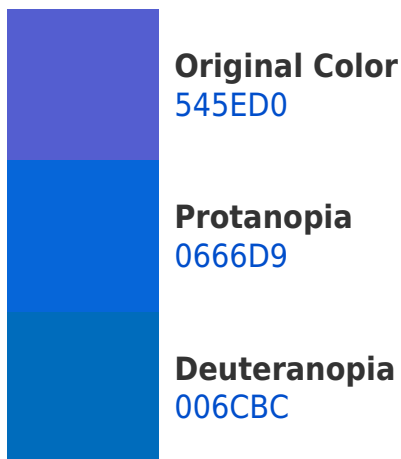


This preview shows how white text looks on a background with the Hex color 545ED0.

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](#).

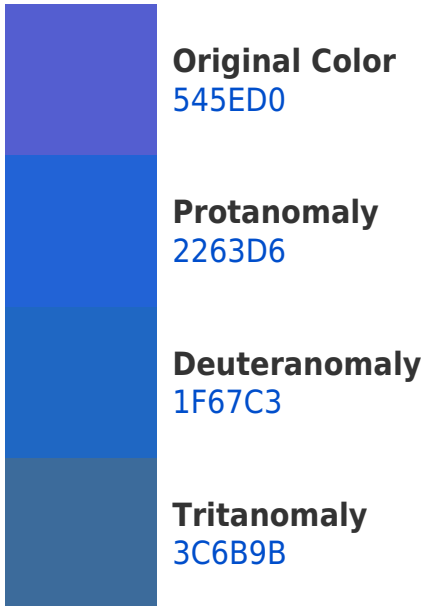
Dichromacy





Tritanopia
2F737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 545ED0 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 #545ED0 looks like.

```
.text, #text, p{  
    color:#545ED0  
}
```

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 #545ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545ED0
}
```

Border

The CSS property to change the border of an element to Hex 545ED0 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
#545ED0 }
```

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

```
.border{ border-color:#545ED0 }
```

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

Here you see how a box with a 4 pixel #545ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545ED0; -webkit-box-shadow:4px 4px  
4px 4px #545ED0; box-shadow:4px 4px 4px  
4px #545ED0 }
```

Background

The CSS property to change the background color of an element to Hex 545ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545ED0 }
```

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

```
.background{ background-color:#545ED0 }
```

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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