

# Converting Colors

Hex(544DE5)

Have a look what the booklet for  
Hex(544DE5) contains.

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# Color

Hex(544DE5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	544DE5
RGB	84, 77, 229
RGB Percent	33%, 30%, 90%
CMY	0.6706, 0.6980, 0.1020
CMYK	0.63, 0.66, 0.00, 0.10
HSL	243°, 75%, 60%
HSV	243°, 66%, 90%
XYZ	20.4529, 12.8497, 75.5310
YIQ	96.4210, -44.6200, 48.7560

# Conversions

## Conversions Part 2

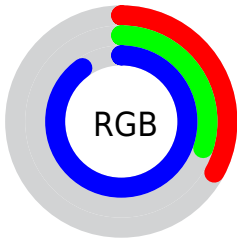
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 77, 229
Decimal	5524965
CIE <sub>Lab</sub>	42.54, 47.31, -76.12
CIE <sub>LCh</sub>	43, 89.627, 301.863
Yxy	12.8497, 0.1879, 0.1181
Android (android.graphics.Color)	4283715045 (0xFF544DE5)
YUV	96.4210, 65.3614, -10.8932
Hunter-Lab	35.8465, 39.1151, -99.8355

# Details

The Hex color **544DE5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **DEE54D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **947FFF**, and **001FAC** is the 20% darker color. If you saturate the color by 10%, you get **3E36E5**, and if you desaturate by 10%, it is **6A64E5**.

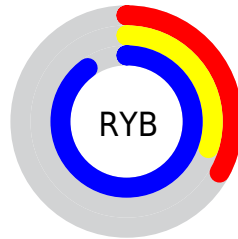
# Distribution



Red (33%)

Green (30%)

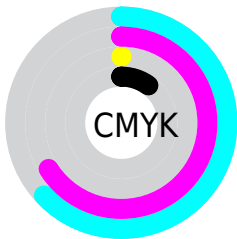
Blue (90%)



Red (33%)

Yellow (30%)

Blue (90%)

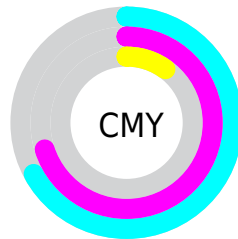


Cyan (63%)

Magenta (66%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (70%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 544DE5 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 544DE5 by changing the saturation by 10% instead.



■ 544DE5

■ 544DE5

FFFFFF

■ 2D35C8

■ 947FFF

■ 001FAC

■ B399FF

■ 000991

■ D1B4FF

■ 000076

■ F0D0FF

■ 00025C

■ FFEDFF

■ 000744

■ 00032D

■ 000117

■ 000000

■ 544DE5

■ 544DE5

■ 3E36E5

■ 6A64E5

■ 281FE5

■ 807BE5

■ 1208E5

■ 9692E5

■ 0B00E5

■ ABA9E5

■ C1BFE5

■ D7D6E5

■ EDEDE5

■ FFFFE5

# Harmonies

## Analogous

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



006FFC



544DE5



BB00AC

# Triad

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



544DE5



B04100



008067

# Complementary

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



544DE5



DEE54D

# 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.



007D10



544DE5



776400

# Square

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



544DE5



D5001B



207500



0081B2

# Rectangle

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



544DE5



D7007C



207500



007F4D



# Sweetspot

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



544DE5



CECCFF



4DE0E5



626180



000000



808080



# Same Dimension

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



544DE5



3C33FF



9E4DE5



686773



0800B3



020033



# Inverse Universe

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



E54DDE



FF33F6



94E54D



736772



B300AA

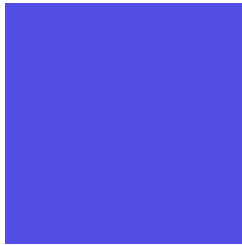


330031



# Previews

## White Background



This preview shows how the Hex color 544DE5 looks on a white background.

## Color Contrast Check

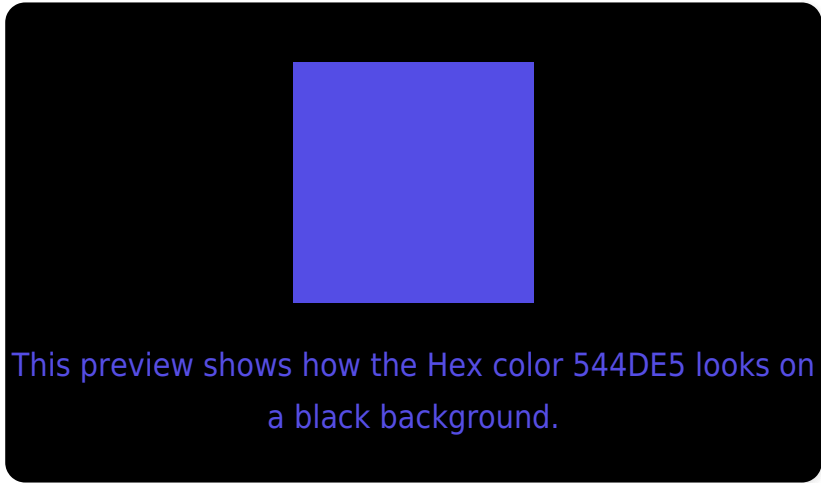
Large Text (above 18pt) WCAG AA ✓ Pass

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 544DE5 Background



This preview shows how black text looks on a background with the Hex color 544DE5.



This preview shows how white text looks on a background with the Hex color 544DE5.

# 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



**Original Color**  
544DE5

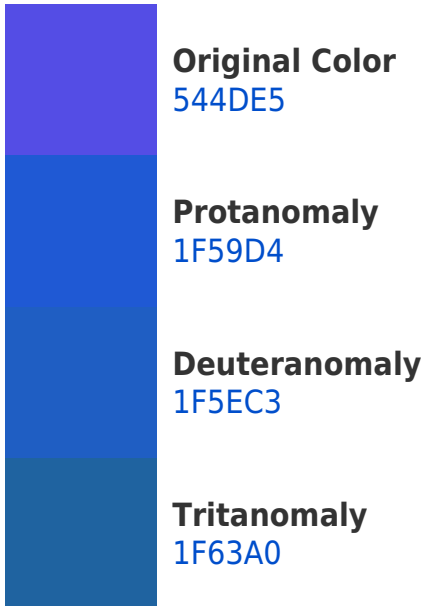
**Protanopia**  
0060CB

**Deuteranopia**  
0067AF

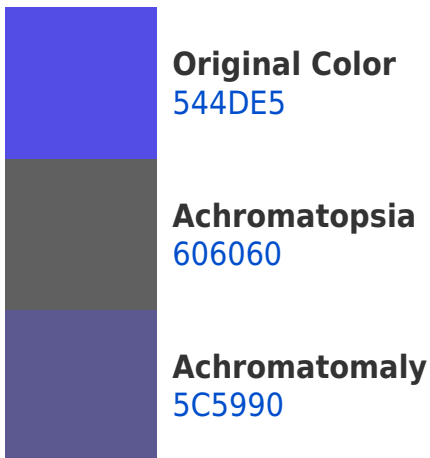


**Tritanopia**  
006F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 544DE5 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 #544DE5 looks like.

```
.text, #text, p{  
    color:#544DE5  
}
```

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 #544DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #544DE5
}
```

## Border

The CSS property to change the border of an element to Hex 544DE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

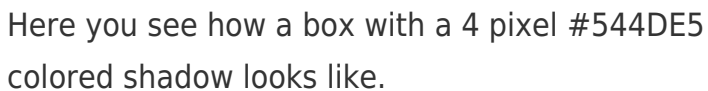
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#544DE5 }
```

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

```
.border{ border-color:#544DE5 }
```

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



Here you see how a box with a 4 pixel #544DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #544DE5; -webkit-box-shadow:4px 4px  
4px 4px #544DE5; box-shadow:4px 4px 4px  
4px #544DE5 }
```

# Background

The CSS property to change the background color of an element to Hex 544DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#544DE5 }
```

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

```
.background{ background-color:#544DE5 }
```

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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