

# Converting Colors

Hex(544CC6)

Have a look what the booklet for  
Hex(544CC6) contains.

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# Color

Hex(544CC6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	544CC6
RGB	84, 76, 198
RGB Percent	33%, 30%, 78%
CMY	0.6706, 0.7020, 0.2235
CMYK	0.58, 0.62, 0.00, 0.22
HSL	244°, 52%, 54%
HSV	244°, 62%, 78%
XYZ	16.4336, 11.1309, 54.7084
YIQ	92.3000, -34.3940, 39.6380

# Conversions

## Conversions Part 2

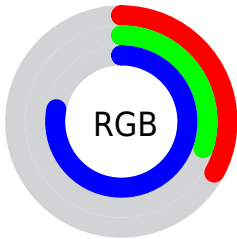
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 76, 198
Decimal	5524678
CIE Lab	39.80, 38.03, -62.79
CIE LCh	40, 73.411, 301.202
Yxy	11.1309, 0.1997, 0.1353
Android (android.graphics.Color)	4283714758 (0xFF544CC6)
YUV	92.3000, 52.1101, -7.2791
Hunter-Lab	33.3630, 29.5385, -73.8691

# Details

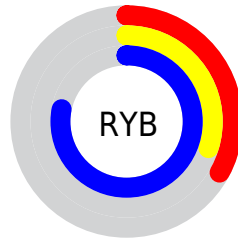
The Hex color **544CC6** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **BEC64C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8F7DFF**, and **001F8F** is the 20% darker color. If you saturate the color by 10%, you get **4138C6**, and if you desaturate by 10%, it is **6760C6**.

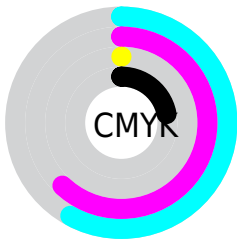
# Distribution



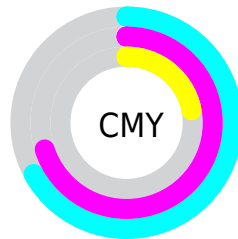
- Red (33%)
- Green (30%)
- Blue (78%)



- Red (33%)
- Yellow (30%)
- Blue (78%)



- Cyan (58%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (70%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 544CC6 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 544CC6 by changing the saturation by 10% instead.



■ 544CC6

■ 544CC6

FFFFFF

■ 3335AA

■ 8F7DFF

■ 001F8F

■ AC98FF

■ 000A75

■ CAB2FF

■ 00005B

■ E8CEFF

■ 000743

■ FFEAFF

■ 00032B

■ 000116

■ 000000

■ 544CC6

■ 544CC6

■ 4138C6

■ 6760C6

■ 2F24C6

■ 7974C6

■ 1C11C6

■ 8C87C6

■ 0D00C6

■ 9E9BC6

■ B1AFC6

■ C3C3C6

■ D6D7C6

■ E8EAC6

■ FBFEC6

# Harmonies

## Analogous

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



0066D8



544CC6



A41E99

# Triad

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



544CC6



9F4200



00765F

# Complementary

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



544CC6



BEC64C

# 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.



00721D



544CC6



715D00

# Square

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



544CC6



BC0E24



326B00



00769B

# Rectangle

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



544CC6



BC0072



326B00



00754A



# Sweetspot

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



544CC6



D4D1FF



4CC0C6



656380



000000



808080



# Same Dimension

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



544CC6



4F42FF



8F4CC6



5A5A63



0B00A3



020024



# Inverse Universe

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



C64CBE



FF42F3



83C64C



635A63



A30098

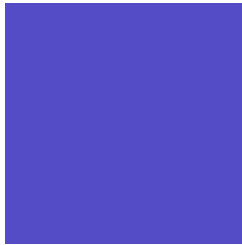


240021



# Previews

## White Background



This preview shows how the Hex color 544CC6 looks on a white background.

## Color Contrast Check

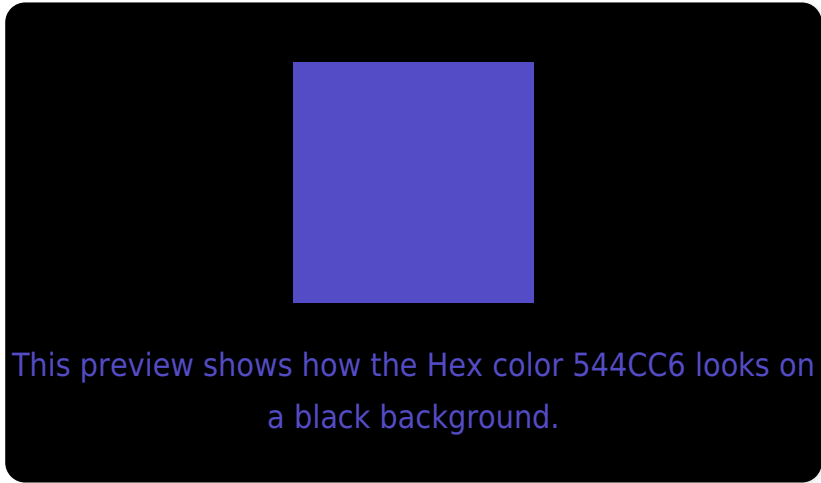
Large Text (above 18pt) WCAG AA ✓ Pass

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

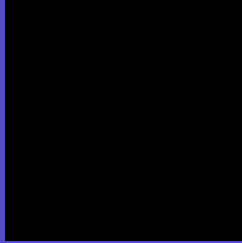
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 544CC6 Background



This preview shows how black text looks on a background with the Hex color 544CC6.

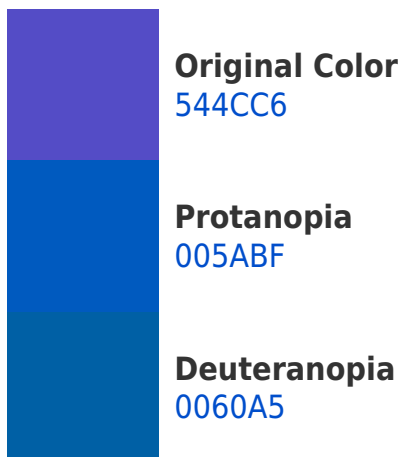


This preview shows how white text looks on a background with the Hex color 544CC6.

# Color Blindness Simulation

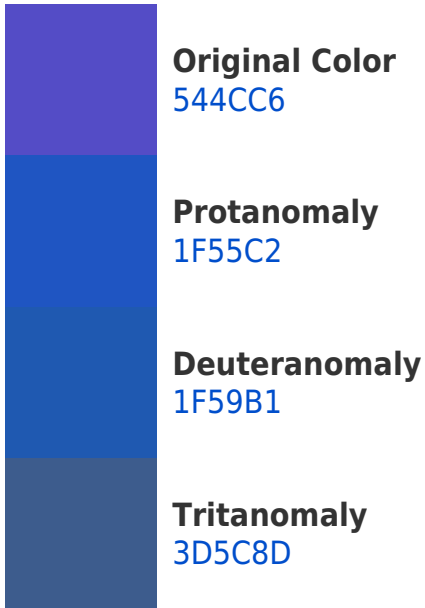
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 544CC6 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 #544CC6 looks like.

```
.text, #text, p{  
    color:#544CC6  
}
```

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 #544CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #544CC6
}
```

## Border

The CSS property to change the border of an element to Hex 544CC6 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".

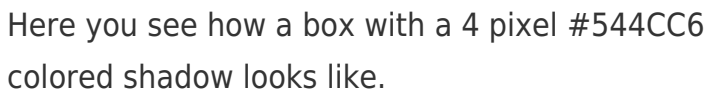
```
.border, #border, table{ border:4px solid
#544CC6 }
```

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

```
.border{ border-color:#544CC6 }
```

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

Here you see how a box with a 4 pixel #544CC6 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 #544CC6; -webkit-box-shadow:4px 4px  
4px 4px #544CC6; box-shadow:4px 4px 4px  
4px #544CC6 }
```

# Background

The CSS property to change the background color of an element to Hex 544CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#544CC6 }
```

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

```
.background{ background-color:#544CC6 }
```

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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