

Converting Colors

Hex(555BD7)

Have a look what the booklet for
Hex(555BD7) contains.

Hex(555BD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(555BD7)

Conversions

Conversions Part 1

Format	Color
Hex	555BD7
RGB	85, 91, 215
RGB Percent	33%, 36%, 84%
CMY	0.6667, 0.6431, 0.1569
CMYK	0.60, 0.58, 0.00, 0.16
HSL	237°, 62%, 59%
HSV	237°, 60%, 84%
XYZ	19.7531, 14.3198, 66.0129
YIQ	103.3420, -43.3800, 37.2920

Conversions

Conversions Part 2

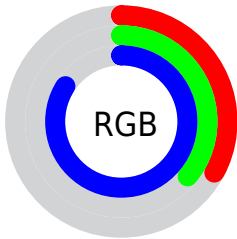
Format	Color
R_{YB}	85, 91, 215
Decimal	5594071
CIE _{Lab}	44.69, 34.58, -64.64
CIE _{LCh}	45, 73.306, 298.146
Yxy	14.3198, 0.1974, 0.1431
Android (android.graphics.Color)	4283784151 (0xFF555BD7)
YUV	103.3420, 55.0474, -16.0859
Hunter-Lab	37.8415, 26.9540, -76.9399

Details

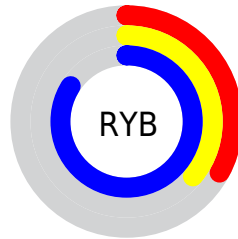
The Hex color **555BD7** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D7D155**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **928DFF**, and **002D9F** is the 20% darker color. If you saturate the color by 10%, you get **4046D7**, and if you desaturate by 10%, it is **6B70D7**.

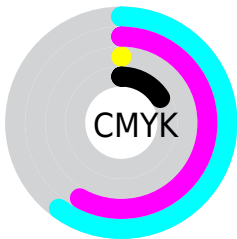
Distribution



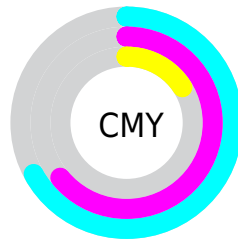
- Red (33%)
- Green (36%)
- Blue (84%)



- Red (33%)
- Yellow (36%)
- Blue (84%)



- Cyan (60%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555BD7 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 555BD7 by changing the saturation by 10% instead.

■ 555BD7

■ 555BD7

FFFFFF

■ 3343BB

■ 928DFF

■ 002D9F

■ AFA8FF

■ 001984

■ CDC3FF

■ 00056A

■ EBDFFF

■ 000251

■ FFFCFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 555BD7

■ 555BD7

■ 4046D7

■ 6B70D7

■ 2A32D7

■ 8084D7

■ 151DD7

■ 9699D7

■ 000AD7

■ ABADD7

■ C1C2D7

■ D6D6D7

■ ECEBD7

■ FFFFD7

Harmonies

Analogous

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



0073E6



555BD7



AD35AB

Triad

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



555BD7



B14B00



008364

Complementary

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



555BD7



D7D155

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.



007F21



555BD7



846600

Square

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



555BD7



CD2034



477600



0083A2

Rectangle

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



555BD7



C81185



477600



00824E

Sweetspot

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



555BD7



D1D3FF



55D7D0



636580



000000



808080

Same Dimension

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



555BD7



454DFF



9055D7



60616B



0008AB



00022B

Inverse Universe

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



D7555B



FF454D



9DD755



6B6061



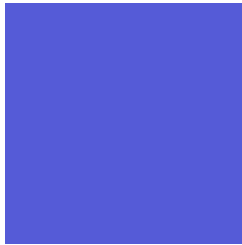
AB0008



2B0002

Previews

White Background



This preview shows how the Hex color 555BD7 looks on a white background.

Color Contrast Check

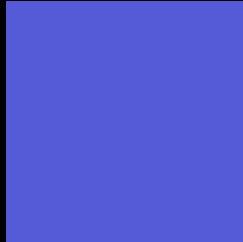
Large Text (above 18pt) WCAG AA ✓ Pass

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 555BD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

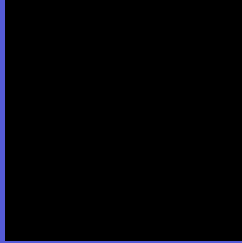
Any Text WCAG AA × Fail

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 555BD7 Background



This preview shows how black text looks on a background with the Hex color 555BD7.

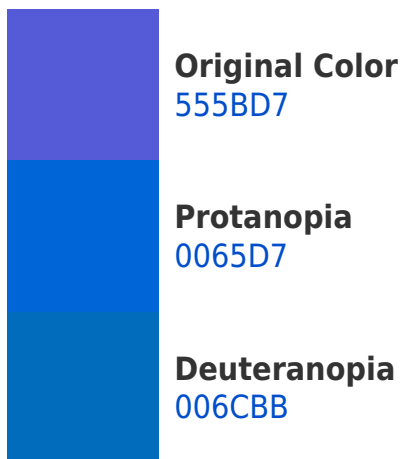



This preview shows how white text looks on a background with the Hex color 555BD7.

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](#).

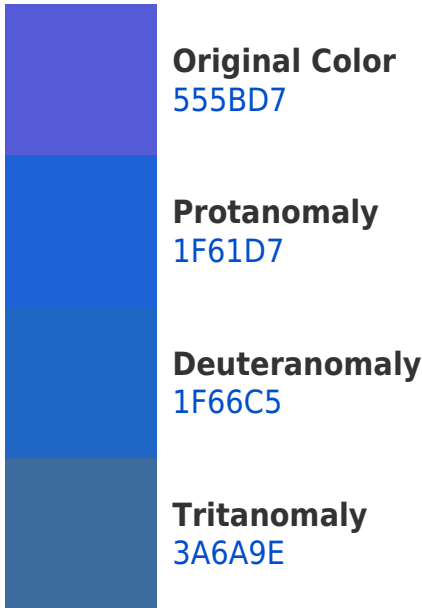
Dichromacy





Tritanopia
2A737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 555BD7 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 #555BD7 looks like.

```
.text, #text, p{  
    color:#555BD7  
}
```

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 #555BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555BD7
}
```

Border

The CSS property to change the border of an element to Hex 555BD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

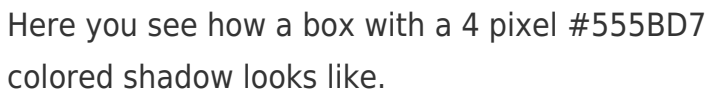
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555BD7 }
```

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

```
.border{ border-color:#555BD7 }
```

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



Here you see how a box with a 4 pixel #555BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555BD7; -webkit-box-shadow:4px 4px  
4px 4px #555BD7; box-shadow:4px 4px 4px  
4px #555BD7 }
```

Background

The CSS property to change the background color of an element to Hex 555BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555BD7 }
```

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

```
.background{ background-color:#555BD7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor