

Converting Colors

Hex(5555B5)

Have a look what the booklet for
Hex(5555B5) contains.

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Color

Hex(5555B5)

Conversions

Conversions Part 1

Format	Color
Hex	5555B5
RGB	85, 85, 181
RGB Percent	33%, 33%, 71%
CMY	0.6667, 0.6667, 0.2902
CMYK	0.53, 0.53, 0.00, 0.29
HSL	240°, 39%, 52%
HSV	240°, 53%, 71%
XYZ	15.3353, 11.7645, 45.1786
YIQ	95.9440, -30.8160, 29.8560

Conversions

Conversions Part 2

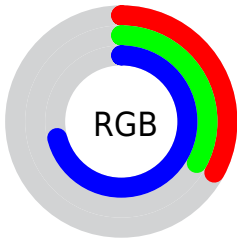
Format	Color
R_{YB}	85, 85, 181
Decimal	5592501
CIE Lab	40.84, 27.20, -51.17
CIE LCh	41, 57.954, 297.994
Yxy	11.7645, 0.2122, 0.1628
Android (android.graphics.Color)	4283782581 (0xFF5555B5)
YUV	95.9440, 41.9326, -9.5979
Hunter-Lab	34.2994, 19.7836, -54.0862

Details

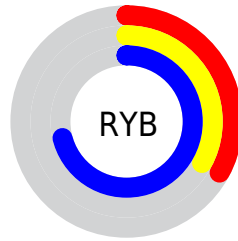
The Hex color **5555B5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B5B555**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D87EE**, and **14287F** is the 20% darker color. If you saturate the color by 10%, you get **4343B5**, and if you desaturate by 10%, it is **6767B5**.

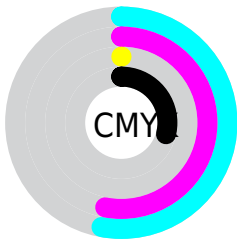
Distribution



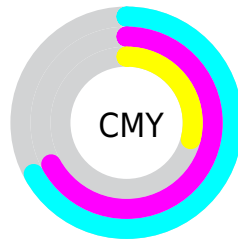
- Red (33%)
- Green (33%)
- Blue (71%)



- Red (33%)
- Yellow (33%)
- Blue (71%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (67%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5555B5 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 5555B5 by changing the saturation by 10% instead.

■ 5555B5

■ 5555B5

FFFFFF

■ 383E9A

■ 8D87EE

■ 14287F

■ AAA1FF

■ 001466

■ C6BCFF

■ 00004D

■ E4D8FF

■ 000535

■ FFF4FF

■ 00021F

■ 000002

■ 000000

■ 5555B5

■ 5555B5

■ 4343B5

■ 6767B5

■ 3131B5

■ 7979B5

■ 1F1FB5

■ 8B8BB5

■ 0D0DB5

■ 9D9DB5

■ 0000B5

■ B0B0B5

■ C2C2B5

■ D4D4B5

■ E6E6B5

■ F8F8B5

Harmonies

Analogous

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



0067C0



5555B5



953C93

Triad

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



5555B5



9B4905



00755C

Complementary

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



555B5



B5B55

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.



00722A



555B5



785D00

Square

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



5555B5



B03137



496A00



00758C

Rectangle

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



5555B5



AB2D75



496A00



00744B

Sweetspot

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



5555B5



C5C5EB



55B5B5



5F5F75



F5F5F5



757575

Same Dimension

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



5555B5



5454EB



8555B5



505059



000099



00001A

Inverse Universe

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



B555B5



EB54EB



85B555



595059



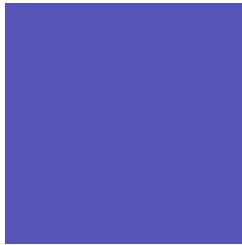
990099



1A001A

Previews

White Background



This preview shows how the Hex color 5555B5 looks on a white background.

Color Contrast Check

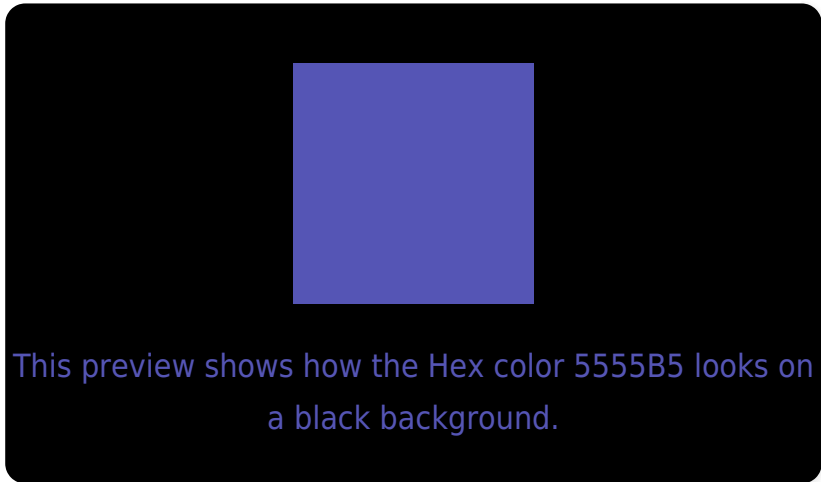
Large Text (above 18pt) WCAG AA ✓ Pass

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

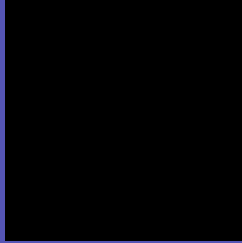
Any Text WCAG AA × Fail

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 5555B5 Background



This preview shows how black text looks on a background with the Hex color 5555B5.

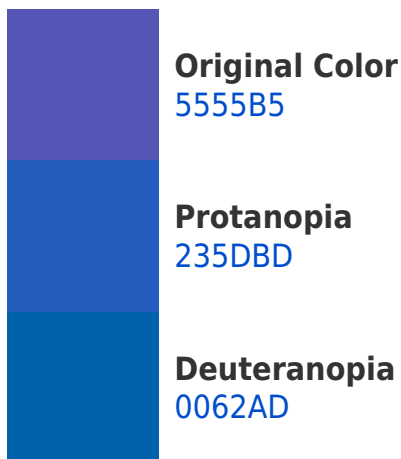



This preview shows how white text looks on a background with the Hex color 5555B5.

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](#).

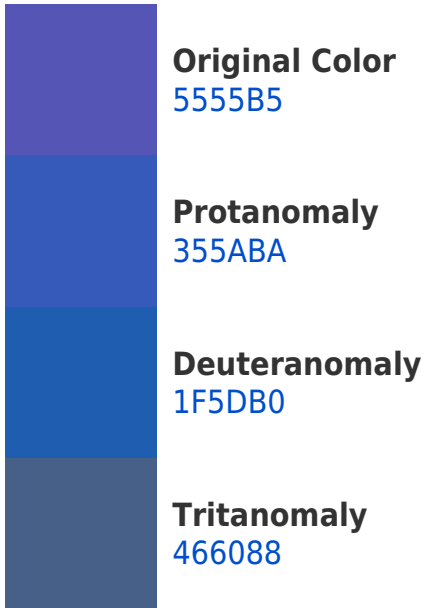
Dichromacy



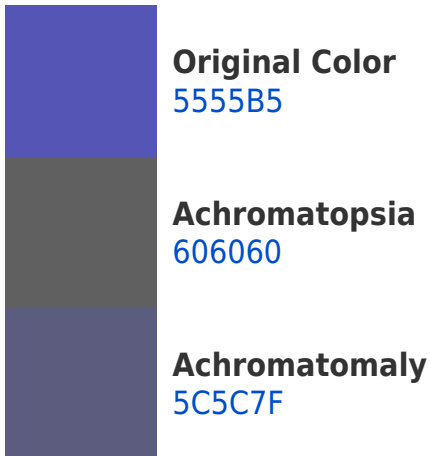


Tritanopia
3D676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5555B5 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 #5555B5 looks like.

```
.text, #text, p{  
    color:#5555B5  
}
```

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 #5555B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5555B5
}
```

Border

The CSS property to change the border of an element to Hex 5555B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

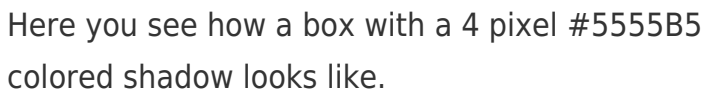
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5555B5 }
```

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

```
.border{ border-color:#5555B5 }
```

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



Here you see how a box with a 4 pixel #5555B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5555B5; -webkit-box-shadow:4px 4px  
4px 4px #5555B5; box-shadow:4px 4px 4px  
4px #5555B5 }
```

Background

The CSS property to change the background color of an element to Hex 5555B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5555B5 }
```

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

```
.background{ background-color:#5555B5 }
```

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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