

# Converting Colors

Hex(5532BF)

Have a look what the booklet for  
Hex(5532BF) contains.

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# Color

Hex(5532BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5532BF
RGB	85, 50, 191
RGB Percent	33%, 20%, 75%
CMY	0.6667, 0.8039, 0.2510
CMYK	0.55, 0.74, 0.00, 0.25
HSL	255°, 59%, 47%
HSV	255°, 74%, 75%
XYZ	14.2909, 7.9741, 50.0762
YIQ	76.5390, -24.4010, 51.2710

# Conversions

## Conversions Part 2

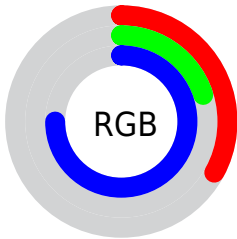
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 50, 191
Decimal	5583551
CIE <sub>Lab</sub>	33.93, 50.66, -68.29
CIE <sub>LCh</sub>	34, 85.035, 306.570
Yxy	7.9741, 0.1975, 0.1102
Android (android.graphics.Color)	4283773631 (0xFF5532BF)
YUV	76.5390, 56.4293, 7.4203
Hunter-Lab	28.2384, 40.9179, -85.3741

# Details

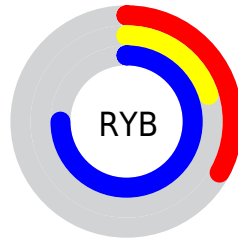
The Hex color **5532BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **9CBF32**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9164F8**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **471FBF**, and if you desaturate by 10%, it is **6345BF**.

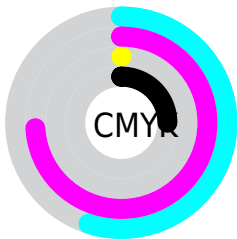
# Distribution



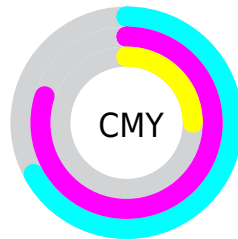
- Red (33%)
- Green (20%)
- Blue (75%)



- Red (33%)
- Yellow (20%)
- Blue (75%)



- Cyan (55%)
- Magenta (74%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (80%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5532BF 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 5532BF by changing the saturation by 10% instead.



 5532BF

 5532BF

FFFFFF

 3419A3

 9164F8

 000088

 AE7EFF

 00006E

 CC99FF

 000055

 EAB4FF

 00063C

 FFD0FF

 000226

 FFEDFF

 00010E

 000000

 5532BF

 5532BF

■ 471FBF

■ 6345BF

■ 380CBF

■ 7258BF

■ 2F00BF

■ 806BBF

■ 8E7EBF

■ 9D92BF

■ ABA5BF

■ BAB8BF

■ C8CBBF

■ D6DEBF

# Harmonies

## Analogous

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



0056DA



5532BF



A60087

# Triad

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



5532BF



8B3500



00685E

# Complementary

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



5532BF



9CBF32

# 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.



006510



5532BF



555300

# Square

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



5532BF



B00000



006000



0069A0

# Rectangle

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



5532BF



BA005B



006000



006746



# Sweetspot

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



5532BF



CEC1F7



329EBF



655C7D



FCFCFC



7D7D7D



# Same Dimension

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



5532BF



521BF7



9932BF



57555E



27009E



08001F



# Inverse Universe

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



BF329C



F71BC1



58BF32



5E555C



9E0077

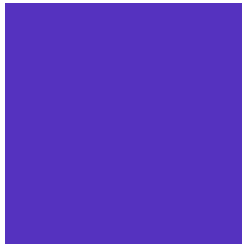


1F0017



# Previews

## White Background



This preview shows how the Hex color 5532BF 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

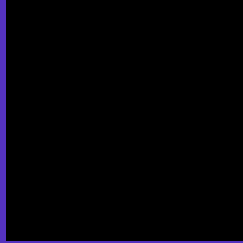
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5532BF Background



This preview shows how black text looks on a background with the Hex color 5532BF.

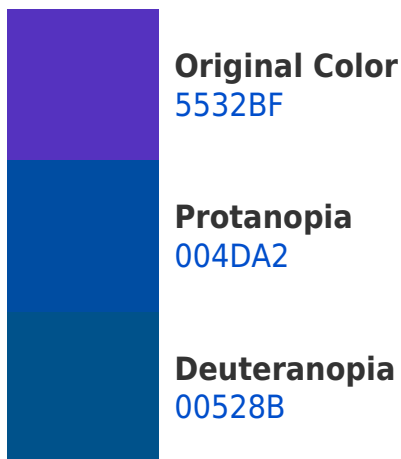


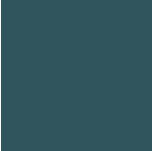
This preview shows how white text looks on a background with the Hex color 5532BF.

# 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**  
31555C

# Trichromacy



**Original Color**  
5532BF



**Protanomaly**  
1F43AD



**Deuteranomaly**  
1F469E



**Tritanomaly**  
3E4880

# Monochromacy



**Original Color**  
5532BF



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
504376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5532BF 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 #5532BF looks like.

```
.text, #text, p{  
    color:#5532BF  
}
```

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 #5532BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5532BF }  
}
```

## Border

The CSS property to change the border of an element to Hex 5532BF 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".

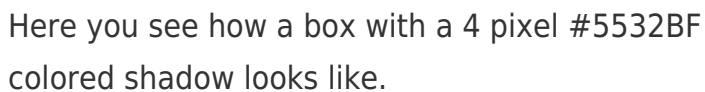
```
.border, #border, table{ border:4px solid #5532BF }  
}
```

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

```
.border{ border-color:#5532BF }
```

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

Here you see how a box with a 4 pixel #5532BF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5532BF; -webkit-box-shadow:4px 4px  
4px 4px #5532BF; box-shadow:4px 4px 4px  
4px #5532BF }
```

# Background

The CSS property to change the background color of an element to Hex 5532BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5532BF }
```

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

```
.background{ background-color:#5532BF }
```

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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