

Converting Colors

Hex(5358AC)

Have a look what the booklet for
Hex(5358AC) contains.

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Color

Hex(5358AC)

Conversions

Conversions Part 1

Format	Color
Hex	5358AC
RGB	83, 88, 172
RGB Percent	33%, 35%, 67%
CMY	0.6745, 0.6549, 0.3255
CMYK	0.52, 0.49, 0.00, 0.33
HSL	237°, 35%, 50%
HSV	237°, 52%, 67%
XYZ	14.5034, 11.7970, 40.5424
YIQ	96.0810, -29.9440, 25.0640

Conversions

Conversions Part 2

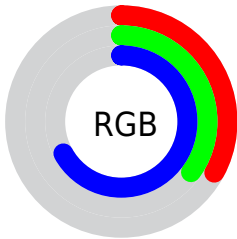
Format	Color
R_{YB}	83, 88, 172
Decimal	5462188
CIE _{Lab}	40.89, 21.96, -45.80
CIE _{LCh}	41, 50.790, 295.622
Yxy	11.7970, 0.2170, 0.1765
Android (android.graphics.Color)	4283652268 (0xFF5358AC)
YUV	96.0810, 37.4281, -11.4720
Hunter-Lab	34.3468, 15.2672, -45.9422

Details

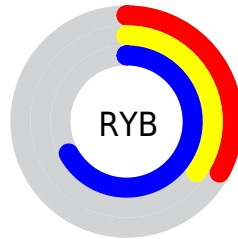
The Hex color **5358AC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ACA753**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8A8AE4**, and **162B77** is the 20% darker color. If you saturate the color by 10%, you get **4248AC**, and if you desaturate by 10%, it is **6468AC**.

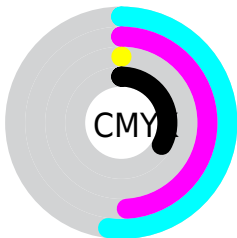
Distribution



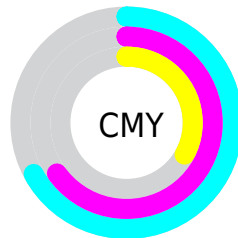
- Red (33%)
- Green (35%)
- Blue (67%)



- Red (33%)
- Yellow (35%)
- Blue (67%)



- Cyan (52%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5358AC 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 5358AC by changing the saturation by 10% instead.

■ 5358AC

■ 5358AC

FFFFFF

■ 374191

■ 8A8AE4

■ 162B77

■ A6A4FF

■ 00175E

■ C3BFFF

■ 000046

■ E0DBFF

■ 00042E

■ FDF7FF

■ 000119

■ 000000

■ 5358AC

■ 5358AC

■ 4248AC

■ 6468AC

■ 3138AC

■ 7578AC

■ 1F27AC

■ 8789AC

■ 0E17AC

■ 9899AC

■ 000AAC

■ A9A9AC

■ BAB9AC

■ CBCAAC

■ DDDAAC

■ EEEAAC

Harmonies

Analogous

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



0067B4



5358AC



8C4490

Triad

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



5358AC



984B1A



007359

Complementary

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



5358AC



ACA753

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.



0A702E



5358AC



795C00

Square

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



5358AC



A93A3F



516904



007383

Rectangle

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



5358AC



A13976



516904



00724A

Sweetspot

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



5358AC



BCBFE0



53ACA6



5B5C70



F0F0F0



707070

Same Dimension

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



5358AC



555DE0



7A53AC



4E4F57



000896



000117

Inverse Universe

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



AC5358



E0555D



85AC53



574E4F



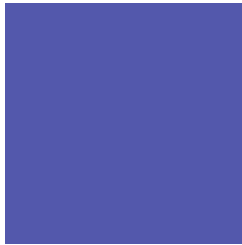
960008



170001

Previews

White Background



This preview shows how the Hex color 5358AC looks on a white background.

Color Contrast Check

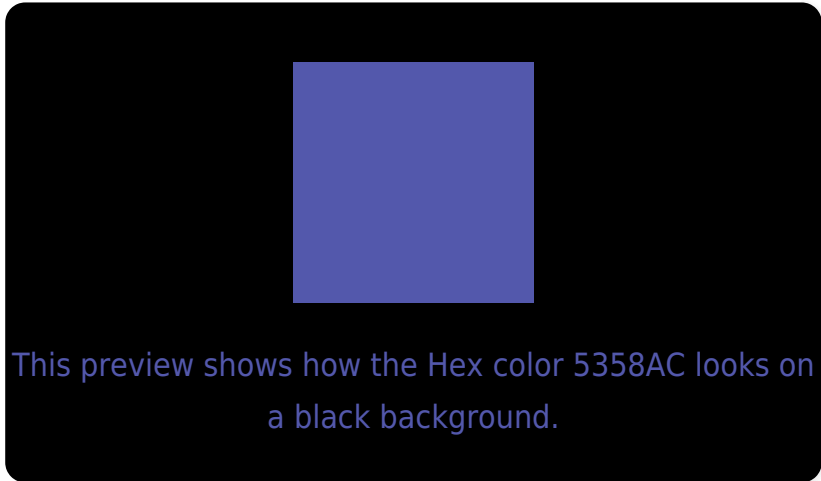
Large Text (above 18pt) WCAG AA ✓ Pass

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 5358AC Background



This preview shows how black text looks on a background with the Hex color 5358AC.

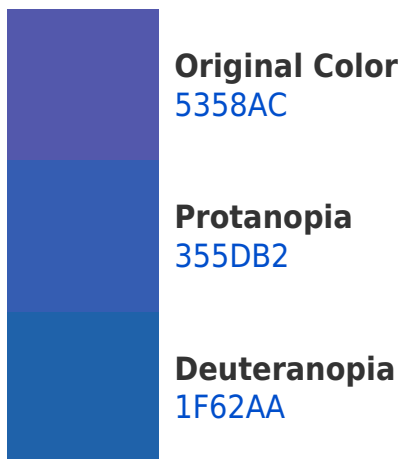



This preview shows how white text looks on a background with the Hex color 5358AC.

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](#).

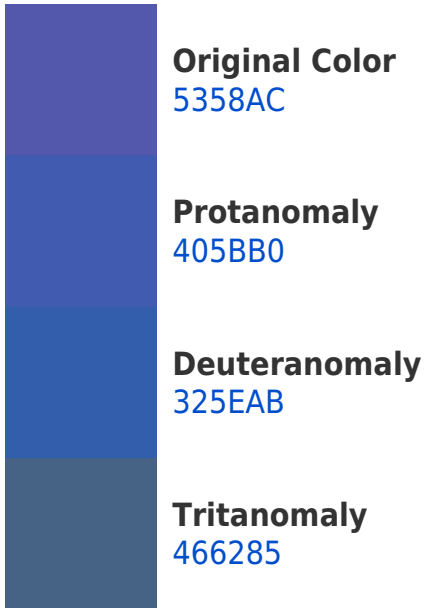
Dichromacy



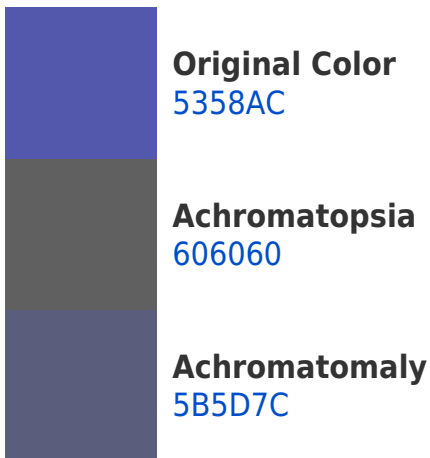


Tritanopia
3F676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5358AC 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 #5358AC looks like.

```
.text, #text, p{  
    color:#5358AC  
}
```

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 #5358AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5358AC
}
```

Border

The CSS property to change the border of an element to Hex 5358AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

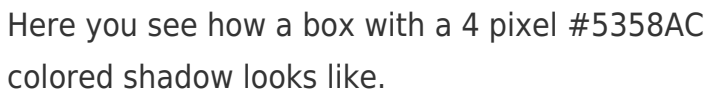
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5358AC }
```

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

```
.border{ border-color:#5358AC }
```

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



Here you see how a box with a 4 pixel #5358AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5358AC; -webkit-box-shadow:4px 4px  
4px 4px #5358AC; box-shadow:4px 4px 4px  
4px #5358AC }
```

Background

The CSS property to change the background color of an element to Hex 5358AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5358AC }
```

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

```
.background{ background-color:#5358AC }
```

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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