

Converting Colors

Hex(5656CA)

Have a look what the booklet for
Hex(5656CA) contains.

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Color

Hex(5656CA)

Conversions

Conversions Part 1

Format	Color
Hex	5656CA
RGB	86, 86, 202
RGB Percent	34%, 34%, 79%
CMY	0.6627, 0.6627, 0.2078
CMYK	0.57, 0.57, 0.00, 0.21
HSL	240°, 52%, 56%
HSV	240°, 57%, 79%
XYZ	17.8262, 12.8983, 57.4272
YIQ	99.2240, -37.2360, 36.0760

Conversions

Conversions Part 2

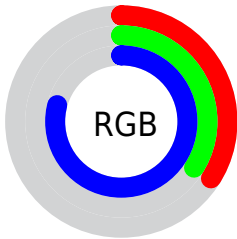
Format	Color
R_{YB}	86, 86, 202
Decimal	5658314
CIE _{Lab}	42.61, 33.58, -60.54
CIE _{LCh}	43, 69.228, 299.014
Yxy	12.8983, 0.2022, 0.1463
Android (android.graphics.Color)	4283848394 (0xFF5656CA)
YUV	99.2240, 50.6686, -11.5974
Hunter-Lab	35.9142, 25.7497, -69.6655

Details

The Hex color **5656CA** 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 **CACA56**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9188FF**, and **042993** is the 20% darker color. If you saturate the color by 10%, you get **4242CA**, and if you desaturate by 10%, it is **6A6ACA**.

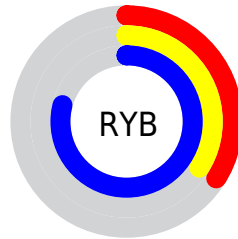
Distribution



Red (34%)

Green (34%)

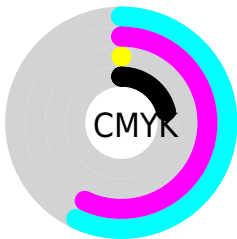
Blue (79%)



Red (34%)

Yellow (34%)

Blue (79%)

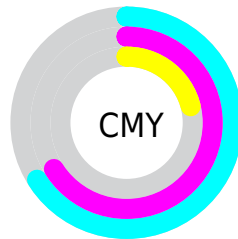


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (21%)



Cyan (66%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5656CA 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 5656CA by changing the saturation by 10% instead.

■ 5656CA

■ 5656CA

FFFFFF

■ 363FAE

■ 9188FF

■ 042993

■ AEA2FF

■ 001478

■ CCBDFE

■ 00005F

■ E9D9FF

■ 000746

■ FFF6FF

■ 00042F

■ 000119

■ 000000

■ 5656CA

■ 5656CA

■ 4242CA

■ 6A6ACA

■ 2E2ECA

■ 7E7ECA

■ 1919CA

■ 9393CA

■ 0505CA

■ A7A7CA

■ 0000CA

■ BBBBCA

■ CFCFCA

■ E3E3CA

■ F8F8CA

■ FFFFCA

Harmonies

Analogous

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



006DD9



5656CA



A533A1

Triad

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



5656CA



A74900



007C61

Complementary

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



5656CA



CACA56

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.



007923



5656CA



7C6200

Square

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



5656CA



C22431



437100



007D9B

Rectangle

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



5656CA



BE157C



437100



007B4D

Sweetspot

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



5656CA



D4D4FF



56CACA



666680



000000



808080

Same Dimension

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



5656CA



4F4FFF



9056CA



5C5C66



0000A6



000026

Inverse Universe

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



CA56CA



FF4FFF



90CA56



665C66



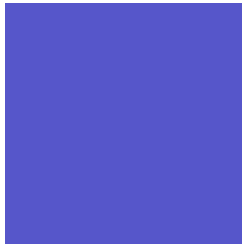
A600A6



260026

Previews

White Background



This preview shows how the Hex color 5656CA 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

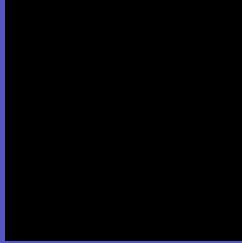
Any Text WCAG AA × Fail

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 5656CA Background



This preview shows how black text looks on a background with the Hex color 5656CA.




This preview shows how white text looks on a background with the Hex color 5656CA.

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](#).

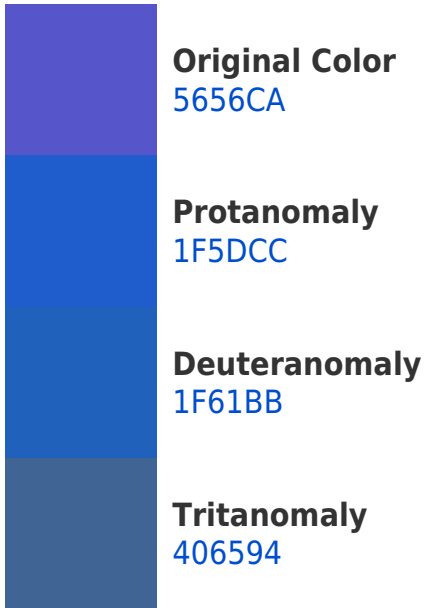
Dichromacy





Tritanopia
346D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5656CA 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 #5656CA looks like.

```
.text, #text, p{  
    color:#5656CA  
}
```

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 #5656CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5656CA
}
```

Border

The CSS property to change the border of an element to Hex 5656CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

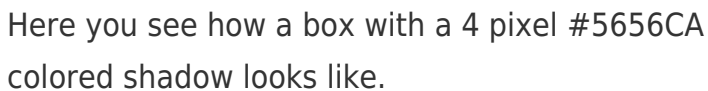
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5656CA }
```

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

```
.border{ border-color:#5656CA }
```

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



Here you see how a box with a 4 pixel #5656CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5656CA; -webkit-box-shadow:4px 4px  
4px 4px #5656CA; box-shadow:4px 4px 4px  
4px #5656CA }
```

Background

The CSS property to change the background color of an element to Hex 5656CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5656CA }
```

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

```
.background{ background-color:#5656CA }
```

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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