

Converting Colors

Hex(5652C9)

Have a look what the booklet for
Hex(5652C9) contains.

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Color

Hex(5652C9)

Conversions

Conversions Part 1

Format	Color
Hex	5652C9
RGB	86, 82, 201
RGB Percent	34%, 32%, 79%
CMY	0.6627, 0.6784, 0.2118
CMYK	0.57, 0.59, 0.00, 0.21
HSL	242°, 52%, 55%
HSV	242°, 59%, 79%
XYZ	17.3977, 12.2301, 56.7020
YIQ	96.7620, -35.8150, 37.8570

Conversions

Conversions Part 2

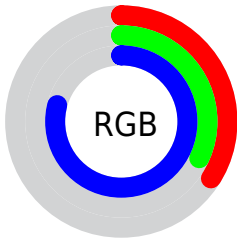
Format	Color
R_{YB}	86, 82, 201
Decimal	5657289
CIE _{Lab}	41.58, 35.71, -61.63
CIE _{LCh}	42, 71.228, 300.085
Yxy	12.2301, 0.2015, 0.1417
Android (android.graphics.Color)	4283847369 (0xFF5652C9)
YUV	96.7620, 51.3893, -9.4383
Hunter-Lab	34.9715, 27.6002, -71.6514

Details

The Hex color **5652C9** 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 **C5C952**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9184FF**, and **032592** is the 20% darker color. If you saturate the color by 10%, you get **433EC9**, and if you desaturate by 10%, it is **6966C9**.

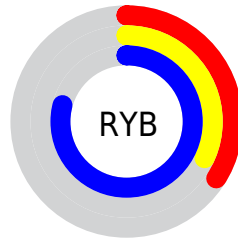
Distribution



Red (34%)

Green (32%)

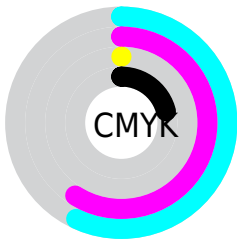
Blue (79%)



Red (34%)

Yellow (32%)

Blue (79%)

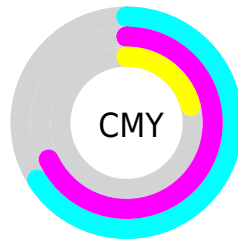


Cyan (57%)

Magenta (59%)

Yellow (0%)

Black (21%)



Cyan (66%)

Magenta (68%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5652C9 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 5652C9 by changing the saturation by 10% instead.

 5652C9

 5652C9

FFFFFF

 363BAD

 9184FF

 032592

 AE9EFF

 001077

 CCB9FF

 00005E

 EAD5FF

 000845

 FFF1FF

 00042E

 000118

 000000

 5652C9

 5652C9

■ 433EC9

■ 6966C9

■ 2F2AC9

■ 7D7AC9

■ 1C16C9

■ 908EC9

■ 0802C9

■ A4A2C9

■ 0700C9

■ B7B7C9

■ CBCBC9

■ DEDFC9

■ F1F3C9

■ FFFFC9

Harmonies

Analogous

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



006AD9



5652C9



A62B9E

Triad

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



5652C9



A44600



007A61

Complementary

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



5652C9



C5C952

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.



007721



5652C9



786000

Square

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



5652C9



C01C2B



3C6F00



007A9C

Rectangle

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



5652C9



BE0078



3C6F00



00794C

Sweetspot

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



5652C9



D3D1FF



52C5C9



646380



000000



808080

Same Dimension

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



5652C9



504AFF



9152C9



5A5A63



0500A3



010024

Inverse Universe

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



C952C5



FF4AF9



8AC952



635A63



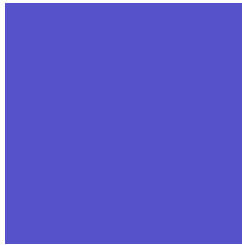
A3009E



240023

Previews

White Background



This preview shows how the Hex color 5652C9 looks on a white background.

Color Contrast Check

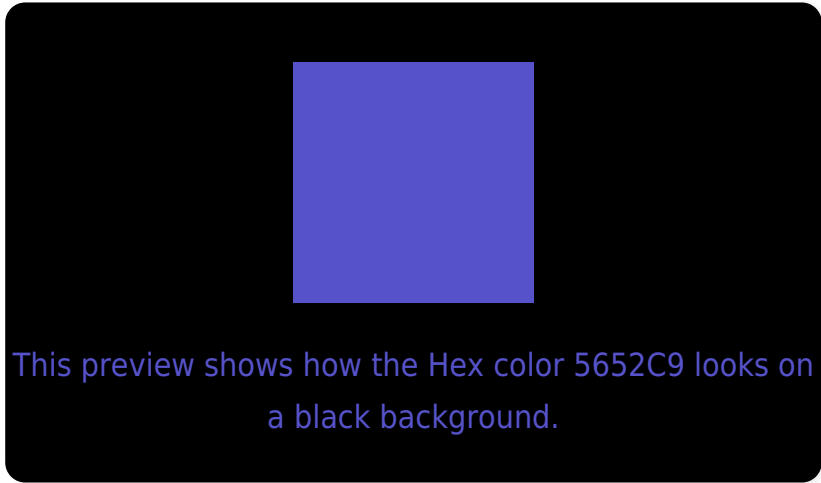
Large Text (above 18pt) WCAG AA ✓ Pass

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

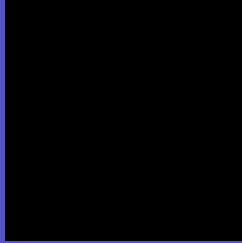
Any Text WCAG AA × Fail

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 5652C9 Background



This preview shows how black text looks on a background with the Hex color 5652C9.

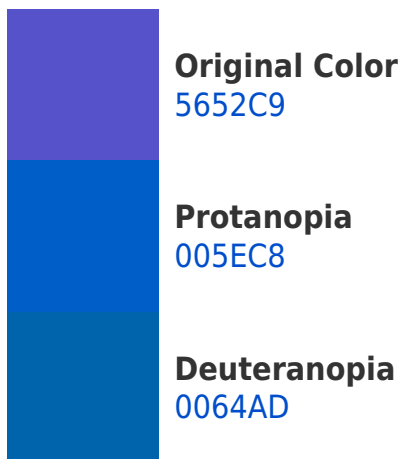


This preview shows how white text looks on a background with the Hex color 5652C9.

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
346A72

Trichromacy



Original Color
5652C9



Protanomaly
1F5AC8



Deuteranomaly
1F5DB7



Tritanomaly
406192

Monochromacy



Original Color
5652C9



Achromatopsia
616161



Achromatomaly
5D5C87

CSS Examples

Text

The CSS property to change the color of the text to Hex 5652C9 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 #5652C9 looks like.

```
.text, #text, p{  
    color:#5652C9  
}
```

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 #5652C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5652C9
}
```

Border

The CSS property to change the border of an element to Hex 5652C9 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".

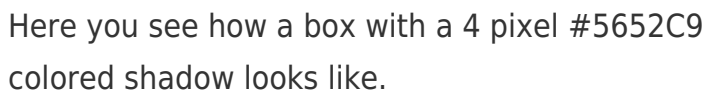
```
.border, #border, table{ border:4px solid
#5652C9 }
```

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

```
.border{ border-color:#5652C9 }
```

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

Here you see how a box with a 4 pixel #5652C9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5652C9; -webkit-box-shadow:4px 4px  
4px 4px #5652C9; box-shadow:4px 4px 4px  
4px #5652C9 }
```

Background

The CSS property to change the background color of an element to Hex 5652C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5652C9 }
```

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

```
.background{ background-color:#5652C9 }
```

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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