

Converting Colors

Hex(551AC9)

Have a look what the booklet for
Hex(551AC9) contains.

Hex(551AC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(551AC9)

Conversions

Conversions Part 1

Format	Color
Hex	551AC9
RGB	85, 26, 201
RGB Percent	33%, 10%, 79%
CMY	0.6667, 0.8980, 0.2118
CMYK	0.58, 0.87, 0.00, 0.21
HSL	260°, 77%, 45%
HSV	260°, 87%, 79%
XYZ	14.6583, 6.8871, 55.8151
YIQ	63.5910, -21.0110, 66.9330

Conversions

Conversions Part 2

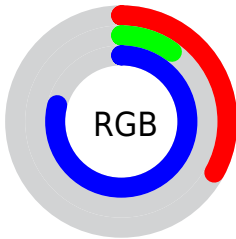
Format	Color
R_{YB}	85, 26, 201
Decimal	5577417
CIE _{Lab}	31.55, 63.18, -78.08
CIE _{LCh}	32, 100.445, 308.979
Yxy	6.8871, 0.1895, 0.0890
Android (android.graphics.Color)	4283767497 (0xFF551AC9)
YUV	63.5910, 67.7426, 18.7757
Hunter-Lab	26.2433, 53.7760, -107.7294

Details

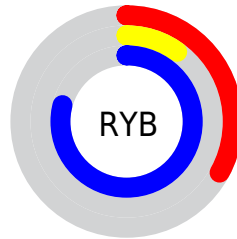
The Hex color **551AC9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8EC91A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9352FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **4806C9**, and if you desaturate by 10%, it is **622EC9**.

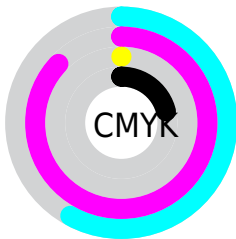
Distribution



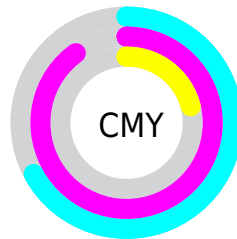
- Red (33%)
- Green (10%)
- Blue (79%)



- Red (33%)
- Yellow (10%)
- Blue (79%)



- Cyan (58%)
- Magenta (87%)
- Yellow (0%)
- Black (21%)



- Cyan (67%)
- Magenta (90%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551AC9 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 551AC9 by changing the saturation by 10% instead.

■ 551AC9

■ 551AC9

FFFFFF

■ 3100AD

■ 9352FF

■ 000091

■ B26DFF

■ 000077

■ D088FF

■ 00005D

■ EFA3FF

■ 000744

■ FFBFFF

■ 00032D

■ FFDCFF

■ 000117

■ FFF9FF

■ 000000

■ 551AC9

■ 551AC9

■ 4806C9

■ 622EC9

■ 4400C9

■ 7042C9

■ 7D56C9

■ 8A6AC9

■ 987FC9

■ A593C9

■ B2A7C9

■ C0BBC9

■ CDCFC9

Harmonies

Analogous

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



0052ED



551AC9



B10085

Triad

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



551AC9



862D00



006361

Complementary

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



551AC9



8EC91A

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.



006102



551AC9



465000

Square

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



551AC9



B30000



005C00



0065AF

Rectangle

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



551AC9



C50051



005C00



006346

Sweetspot

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



551AC9



D3BDFE



1A8FC9



655880



000000



808080

Same Dimension

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



551AC9



5600FF



AC1AC9



5D5A63



3700A3



0C0024

Inverse Universe

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



C91A8E



FF00A9



37C91A



635A60



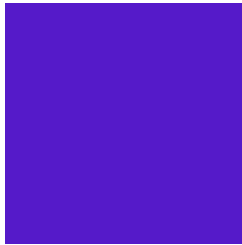
A3006C



240018

Previews

White Background



This preview shows how the Hex color 551AC9 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

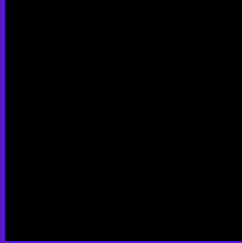
Any Text WCAG AA × Fail

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 551AC9 Background



This preview shows how black text looks on a background with the Hex color 551AC9.

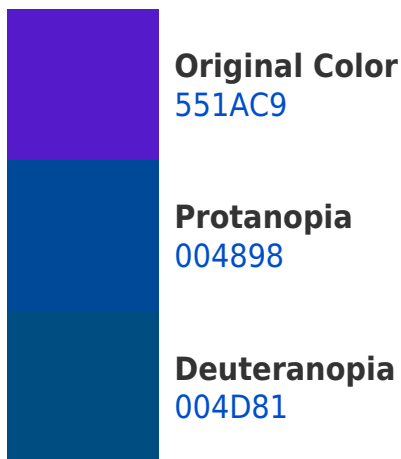


This preview shows how white text looks on a background with the Hex color 551AC9.

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
275157

Trichromacy



Original Color
551AC9



Protanomaly
1F37AA



Deuteranomaly
1F3A9B



Tritanomaly
383D80

Monochromacy



Original Color
551AC9



Achromatopsia
404040



Achromatomaly
483272

CSS Examples

Text

The CSS property to change the color of the text to Hex 551AC9 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 #551AC9 looks like.

```
.text, #text, p{  
    color:#551AC9  
}
```

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 #551AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551AC9
}
```

Border

The CSS property to change the border of an element to Hex 551AC9 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
#551AC9 }
```

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

```
.border{ border-color:#551AC9 }
```

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

Here you see how a box with a 4 pixel #551AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551AC9; -webkit-box-shadow:4px 4px  
4px 4px #551AC9; box-shadow:4px 4px 4px  
4px #551AC9 }
```

Background

The CSS property to change the background color of an element to Hex 551AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551AC9 }
```

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

```
.background{ background-color:#551AC9 }
```

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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