

Converting Colors

Hex(551F92)

Have a look what the booklet for
Hex(551F92) contains.

Hex(551F92)	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(551F92)

Conversions

Conversions Part 1

Format	Color
Hex	551F92
RGB	85, 31, 146
RGB Percent	33%, 12%, 57%
CMY	0.6667, 0.8784, 0.4275
CMYK	0.42, 0.79, 0.00, 0.43
HSL	268°, 65%, 35%
HSV	268°, 79%, 57%
XYZ	9.4246, 4.9866, 27.6599
YIQ	60.2560, -4.7310, 47.2130

Conversions

Conversions Part 2

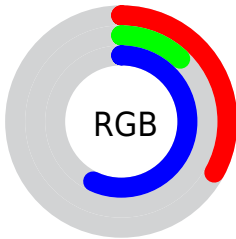
Format	Color
R_{YB}	85, 31, 146
Decimal	5578642
CIE _{Lab}	26.70, 47.39, -53.05
CIE _{LCh}	27, 71.135, 311.773
Yxy	4.9866, 0.2240, 0.1185
Android (android.graphics.Color)	4283768722 (0xFF551F92)
YUV	60.2560, 42.2718, 21.7005
Hunter-Lab	22.3307, 36.2568, -57.8081

Details

The Hex color **551F92** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5C921F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8C52C9**, and **1B005E** is the 20% darker color. If you saturate the color by 10%, you get **4D1092**, and if you desaturate by 10%, it is **5D2E92**.

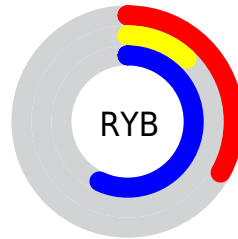
Distribution



Red (33%)

Green (12%)

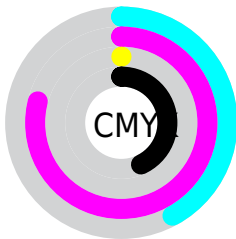
Blue (57%)



Red (33%)

Yellow (12%)

Blue (57%)

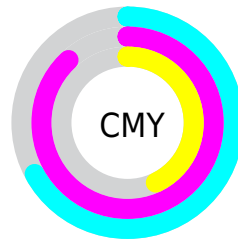


Cyan (42%)

Magenta (79%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (88%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551F92 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 551F92 by changing the saturation by 10% instead.

■ 551F92

■ 551F92

FFFFFF

■ 390178

■ 8C52C9

■ 1B005E

■ A86BE5

■ 000046

■ C586FF

■ 00042E

■ E2A0FF

■ 000119

■ FFBCFF

■ 000000

■ FFD8FF

■ FFF5FF

■ 551F92

■ 551F92

■ 4D1092

■ 5D2E92

■ 460292

■ 643C92

■ 450092

■ 6C4B92

■ 745992

■ 7C6892

■ 837792

■ 8B8592

■ 939492

■ 9BA292

Harmonies

Analogous

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



0041AD



551F92



8A0062

Triad

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



551F92



682F00



005354

Complementary

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



551F92



5C921F

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.



005119



551F92



3B4400

Square

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



551F92



890000



004D00



005388

Rectangle

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



551F92



97003F



004D00



005241

Sweetspot

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



551F92



A58FBD



1F5C92



50435E



DEDEDE



5E5E5E

Same Dimension

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



551F92



5E09BD



8E1F92



46434A



41008A



05000A

Inverse Universe

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



921F5C



BD0969



23921F



4A4346



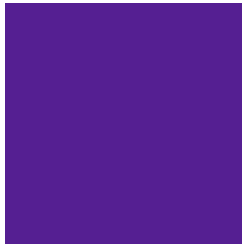
8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 551F92 looks on a white background.

Color Contrast Check

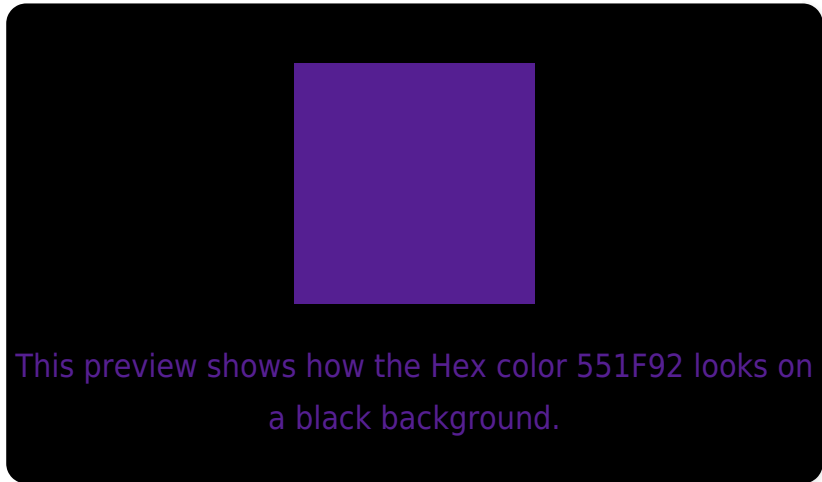
Large Text (above 18pt) WCAG AA ✓ Pass

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

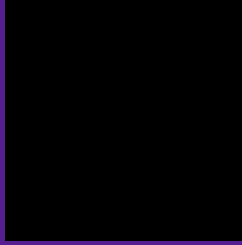
Any Text WCAG AA × Fail

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 551F92 Background



This preview shows how black text looks on a background with the Hex color 551F92.



This preview shows how white text looks on a background with the Hex color 551F92.

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



Original Color
551F92

Protanopia
003E82

Deuteranopia
004270



Tritanopia
433E43

Trichromacy



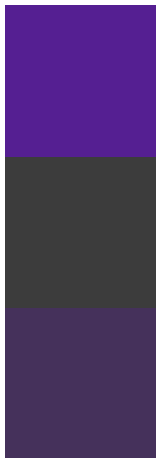
Original Color
551F92

Protanomaly
1F3388

Deuteranomaly
1F357C

Tritanomaly
4A3360

Monochromacy



Original Color
551F92

Achromatopsia
3C3C3C

Achromatomaly
45315B

CSS Examples

Text

The CSS property to change the color of the text to Hex 551F92 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 #551F92 looks like.

```
.text, #text, p{  
    color:#551F92  
}
```

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 #551F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551F92
}
```

Border

The CSS property to change the border of an element to Hex 551F92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

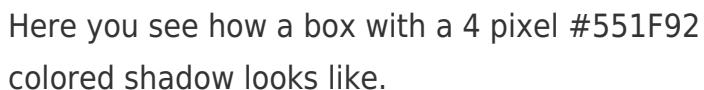
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551F92 }
```

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

```
.border{ border-color:#551F92 }
```

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



Here you see how a box with a 4 pixel #551F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551F92; -webkit-box-shadow:4px 4px  
4px 4px #551F92; box-shadow:4px 4px 4px  
4px #551F92 }
```

Background

The CSS property to change the background color of an element to Hex 551F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551F92 }
```

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

```
.background{ background-color:#551F92 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor