

# Converting Colors

Hex(551E95)

Have a look what the booklet for  
Hex(551E95) contains.

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# Color

**Hex(551E95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551E95
RGB	85, 30, 149
RGB Percent	33%, 12%, 58%
CMY	0.6667, 0.8824, 0.4157
CMYK	0.43, 0.80, 0.00, 0.42
HSL	268°, 66%, 35%
HSV	268°, 80%, 58%
XYZ	9.6354, 5.0298, 28.8968
YIQ	60.0110, -5.4190, 48.6690

# Conversions

## Conversions Part 2

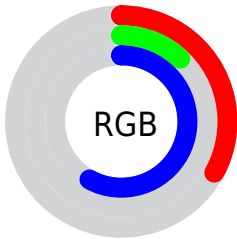
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 30, 149
Decimal	5578389
CIE <sub>Lab</sub>	26.82, 48.57, -54.70
CIE <sub>LCh</sub>	27, 73.153, 311.604
Yxy	5.0298, 0.2212, 0.1155
Android (android.graphics.Color)	4283768469 (0xFF551E95)
YUV	60.0110, 43.8716, 21.9154
Hunter-Lab	22.4271, 37.4417, -60.6946

# Details

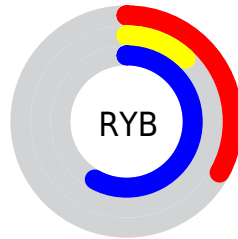
The Hex color **551E95** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5E951E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8D51CC**, and **1A0061** is the 20% darker color. If you saturate the color by 10%, you get **4D0F95**, and if you desaturate by 10%, it is **5D2D95**.

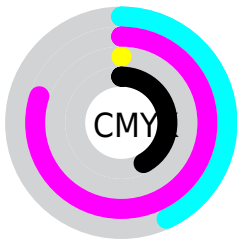
# Distribution



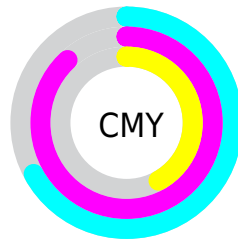
- Red (33%)
- Green (12%)
- Blue (58%)



- Red (33%)
- Yellow (12%)
- Blue (58%)



- Cyan (43%)
- Magenta (80%)
- Yellow (0%)
- Black (42%)



- Cyan (67%)
- Magenta (88%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551E95 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 551E95 by changing the saturation by 10% instead.



■ 551E95

■ 551E95

FFFFFF

■ 39007B

■ 8D51CC

■ 1A0061

■ A96BE9

■ 000048

■ C585FF

■ 000431

■ E3A0FF

■ 00011B

■ FFBCFF

■ 000000

■ FFD8FF

■ FFF5FF

■ 551E95

■ 551E95

■ 4D0F95

■ 5D2D95

■ 450095

■ 653C95

■ 6D4B95

■ 755A95

■ 7D6995

■ 857795

■ 8D8695

■ 959595

■ 9DA495

# Harmonies

## Analogous

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



0041B0



551E95



8D0064

# Triad

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



551E95



6A2F00



005455

# Complementary

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



551E95



5E951E

# 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.



005218



551E95



3B4400

# Square

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



551E95



8B0000



004E00



00548A

# Rectangle

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



551E95



99003F



004E00



005341



# Sweetspot

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



551E95



A993C2



1E5F95



524561



E0E0E0



616161



# Same Dimension

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



551E95



5E08C2



8F1E95



46434A



40008A



05000A



# Inverse Universe

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



951E5E



C2086C



24951E



4A4347



8A004A

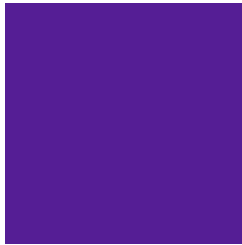


0A0005



# Previews

## White Background



This preview shows how the Hex color 551E95 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

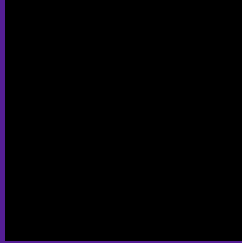
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 551E95 Background



This preview shows how black text looks on a background with the Hex color 551E95.

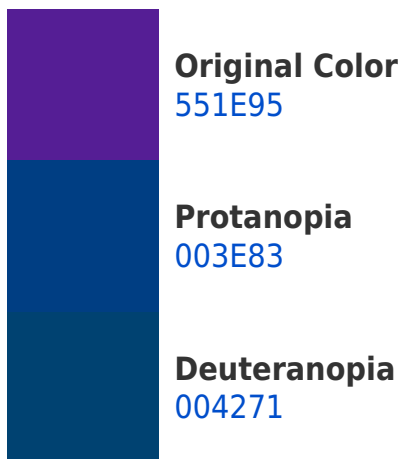



This preview shows how white text looks on a background with the Hex color 551E95.

# 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**  
423F44

# Trichromacy



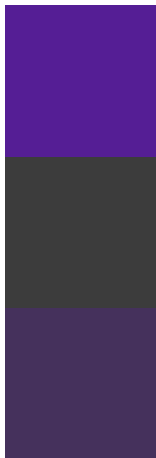
**Original Color**  
551E95

**Protanomaly**  
1F328A

**Deuteranomaly**  
1F357E

**Tritanomaly**  
493361

# Monochromacy



**Original Color**  
551E95

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
45315C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551E95 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 #551E95 looks like.

```
.text, #text, p{  
    color:#551E95  
}
```

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 #551E95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551E95
}
```

## Border

The CSS property to change the border of an element to Hex 551E95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

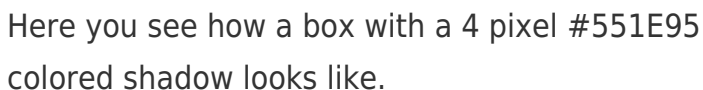
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551E95 }
```

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

```
.border{ border-color:#551E95 }
```

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



Here you see how a box with a 4 pixel #551E95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551E95; -webkit-box-shadow:4px 4px  
4px 4px #551E95; box-shadow:4px 4px 4px  
4px #551E95 }
```

# Background

The CSS property to change the background color of an element to Hex 551E95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551E95 }
```

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

```
.background{ background-color:#551E95 }
```

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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