

# Converting Colors

Hex(551191)

Have a look what the booklet for  
Hex(551191) contains.

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# Color

**Hex(551191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	551191
RGB	85, 17, 145
RGB Percent	33%, 7%, 57%
CMY	0.6667, 0.9333, 0.4314
CMYK	0.41, 0.88, 0.00, 0.43
HSL	272°, 79%, 32%
HSV	272°, 88%, 57%
XYZ	9.0576, 4.3765, 27.1554
YIQ	51.9240, -0.5600, 54.2240

# Conversions

## Conversions Part 2

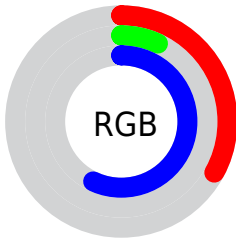
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 17, 145
Decimal	5575057
CIE <sub>Lab</sub>	24.88, 52.18, -55.41
CIE <sub>LCh</sub>	25, 76.111, 313.280
Yxy	4.3765, 0.2232, 0.1078
Android (android.graphics.Color)	4283765137 (0xFF551191)
YUV	51.9240, 45.8865, 29.0077
Hunter-Lab	20.9201, 40.6732, -62.3174

# Details

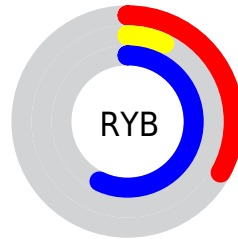
The Hex color **551191** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4D9111**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8D48C8**, and **1B005D** is the 20% darker color. If you saturate the color by 10%, you get **4E0291**, and if you desaturate by 10%, it is **5C1F91**.

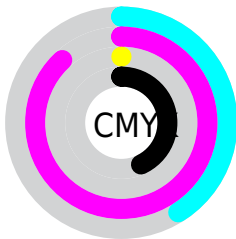
# Distribution



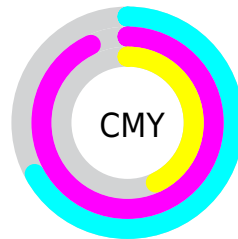
- Red (33%)
- Green (7%)
- Blue (57%)



- Red (33%)
- Yellow (7%)
- Blue (57%)



- Cyan (41%)
- Magenta (88%)
- Yellow (0%)
- Black (43%)



- Cyan (67%)
- Magenta (93%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551191 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 551191 by changing the saturation by 10% instead.



■ 551191

■ 551191

FFFFFF

■ 390077

■ 8D48C8

■ 1B005D

■ A962E4

■ 000045

■ C67CFF

■ 00032D

■ E397FF

■ 000118

■ FF33FF

■ 000000

■ FFCFFF

■ FFECFF

■ 551191

■ 551191

■ 4E0291

■ 5C1F91

■ 4D0091

■ 632E91

■ 693C91

■ 704B91

■ 775A91

■ 7E6891

■ 857691

■ 8B8591

■ 929391

# Harmonies

## Analogous

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



003CAF



551191



8B005E

# Triad

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



551191



632C00



004F54

# Complementary

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



551191



4D9111

# 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.



004D16



551191



314100

# Square

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



551191



860000



004A00



00508B

# Rectangle

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



551191



970038



004A00



004E40



# Sweetspot

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



551191



A68CBD



114F91



51415E



DEDEDE



5E5E5E



# Same Dimension

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



551191



6400BD



91118F



444047



480087



040008



# Inverse Universe

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



91114D



BD0058



119113



474044



87003F

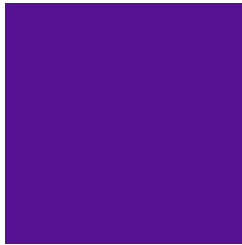


080004



# Previews

## White Background



This preview shows how the Hex color 551191 looks on a white background.

## Color Contrast Check

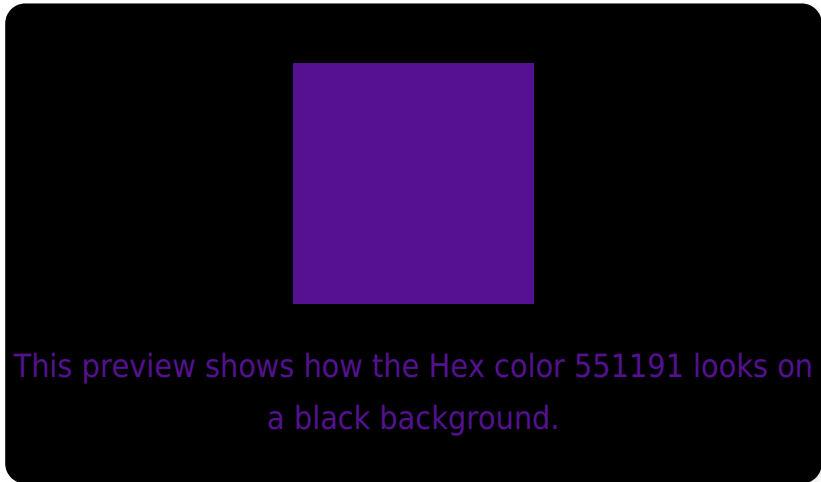
Large Text (above 18pt) WCAG AA ✓ Pass

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

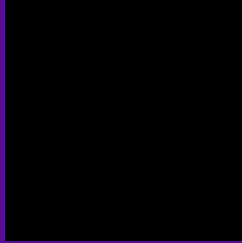
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 551191 Background



This preview shows how black text looks on a background with the Hex color 551191.



This preview shows how white text looks on a background with the Hex color 551191.

# 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**  
551191

**Protanopia**  
003B7B

**Deuteranopia**  
003E6A



**Tritanopia**  
433A3F

# Trichromacy



**Original Color**  
551191

**Protanomaly**  
1F2C83

**Deuteranomaly**  
1F2E78

**Tritanomaly**  
4A2B5D

# Monochromacy



**Original Color**  
551191

**Achromatopsia**  
343434

**Achromatomaly**  
402756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551191 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 #551191 looks like.

```
.text, #text, p{  
    color:#551191  
}
```

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 #551191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551191
}
```

## Border

The CSS property to change the border of an element to Hex 551191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

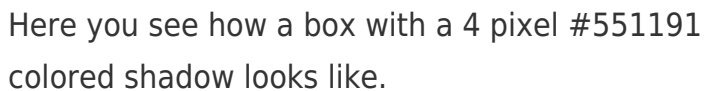
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551191 }
```

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

```
.border{ border-color:#551191 }
```

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



Here you see how a box with a 4 pixel #551191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551191; -webkit-box-shadow:4px 4px  
4px 4px #551191; box-shadow:4px 4px 4px  
4px #551191 }
```

# Background

The CSS property to change the background color of an element to Hex 551191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551191 }
```

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

```
.background{ background-color:#551191 }
```

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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