

Converting Colors

Hex(550159)

Have a look what the booklet for
Hex(550159) contains.

Hex(550159)	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(550159)

Conversions

Conversions Part 1

Format	Color
Hex	550159
RGB	85, 1, 89
RGB Percent	33%, 0%, 35%
CMY	0.6667, 0.9961, 0.6510
CMYK	0.04, 0.99, 0.00, 0.65
HSL	297°, 98%, 18%
HSV	297°, 99%, 35%
XYZ	5.5603, 2.6743, 9.6743
YIQ	36.1480, 21.8160, 45.1760

Conversions

Conversions Part 2

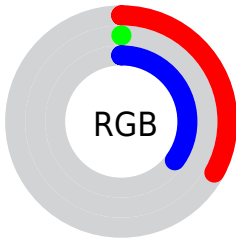
Format	Color
RYB	85, 1, 89
Decimal	5570905
CIELab	18.69, 44.58, -29.44
CIElCh	19, 53.419, 326.562
Yxy	2.6743, 0.3105, 0.1493
Android (android.graphics.Color)	4283760985 (0xFF550159)
YUV	36.1480, 26.0560, 42.8432
Hunter-Lab	16.3532, 32.0746, -23.6279

Details

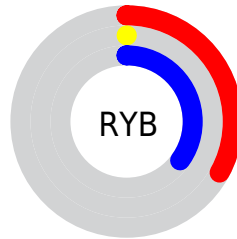
The Hex color **550159** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **055901**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **8A3C8C**, and **26002B** is the 20% darker color. If you saturate the color by 10%, you get **550059**, and if you desaturate by 10%, it is **550A59**.

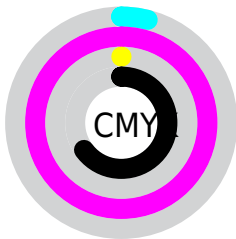
Distribution



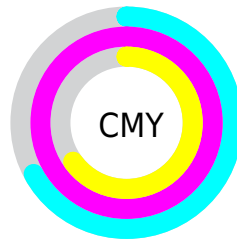
- Red (33%)
- Green (0%)
- Blue (35%)



- Red (33%)
- Yellow (0%)
- Blue (35%)



- Cyan (4%)
- Magenta (99%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550159 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 550159 by changing the saturation by 10% instead.

 550159

 550159

 FFFAFF

 3C0041

 8A3C8C

 26002B

 A555A6

 000115

 C16FC1

 000000

 DE8ADD

 FBA5FA

 FFC1FF

 FFDDFF

 550159

 550159

■ 550059

■ 550A59

■ 561359

■ 561C59

■ 572559

■ 572D59

■ 573659

■ 583F59

■ 584859

■ 595159

Harmonies

Analogous

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



092574



550159



6B0034

Triad

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



550159



3D2B00



003C50

Complementary

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



550159



055901

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.



003C28



550159



153500

Square

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



550159



591600



003A00



003B6F

Rectangle

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



550159



6D001B



003A00



003C43

Sweetspot

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



550159



715073



010559



3A263B



BABABA



3B3B3B

Same Dimension

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



550159



6E0073



590131



2B272B



66006B



E000EB

Inverse Universe

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



590105



730005



015929



2B2727



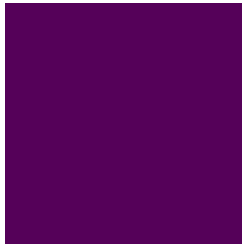
6B0005



EB000B

Previews

White Background



This preview shows how the Hex color 550159 looks on a white background.

Color Contrast Check

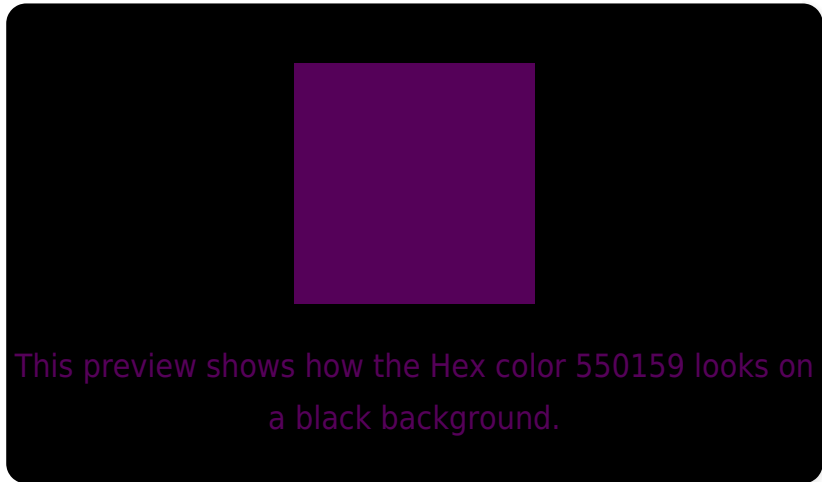
Large Text (above 18pt) WCAG AA ✓ Pass

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

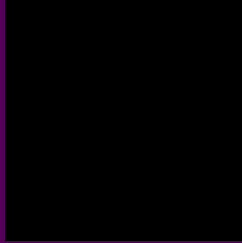
Any Text WCAG AA × Fail

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 550159 Background



This preview shows how black text looks on a background with the Hex color 550159.



This preview shows how white text looks on a background with the Hex color 550159.

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
550159

Protanopia
003065

Deuteranopia
193254



Tritanopia
4F2325

Trichromacy



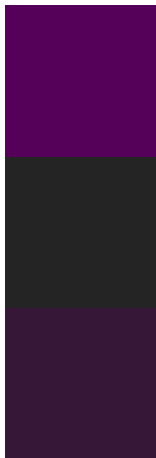
Original Color
550159

Protanomaly
1F1F61

Deuteranomaly
2F2056

Tritanomaly
511738

Monochromacy



Original Color
550159

Achromatopsia
242424

Achromatomaly
361737

CSS Examples

Text

The CSS property to change the color of the text to Hex 550159 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 #550159 looks like.

```
.text, #text, p{  
    color:#550159  
}
```

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 #550159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550159
}
```

Border

The CSS property to change the border of an element to Hex 550159 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".

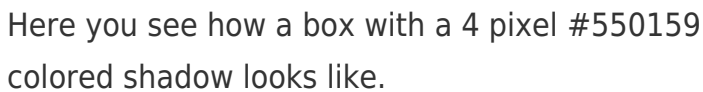
```
.border, #border, table{ border:4px solid
#550159 }
```

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

```
.border{ border-color:#550159 }
```

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

Here you see how a box with a 4 pixel #550159 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550159; -webkit-box-shadow:4px 4px  
4px 4px #550159; box-shadow:4px 4px 4px  
4px #550159 }
```

Background

The CSS property to change the background color of an element to Hex 550159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550159 }
```

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

```
.background{ background-color:#550159 }
```

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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