

Converting Colors

Hex(575097)

Have a look what the booklet for
Hex(575097) contains.

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Color

Hex(575097)

Conversions

Conversions Part 1

Format	Color
Hex	575097
RGB	87, 80, 151
RGB Percent	34%, 31%, 59%
CMY	0.6588, 0.6863, 0.4078
CMYK	0.42, 0.47, 0.00, 0.41
HSL	246°, 31%, 45%
HSV	246°, 47%, 59%
XYZ	12.3851, 9.9979, 30.5552
YIQ	90.1870, -18.6190, 23.5650

Conversions

Conversions Part 2

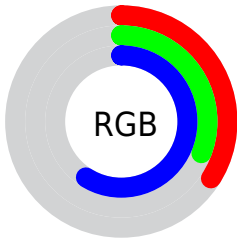
Format	Color
RYB	87, 80, 151
Decimal	5722263
CIELab	37.84, 21.42, -38.11
CIElCh	38, 43.723, 299.340
Yxy	9.9979, 0.2340, 0.1889
Android (android.graphics.Color)	4283912343 (0xFF575097)
YUV	90.1870, 29.9808, -2.7950
Hunter-Lab	31.6195, 14.5826, -35.1607

Details

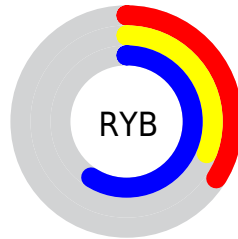
The Hex color **575097** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **909750**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8C81CE**, and **222363** is the 20% darker color. If you saturate the color by 10%, you get **494197**, and if you desaturate by 10%, it is **655F97**.

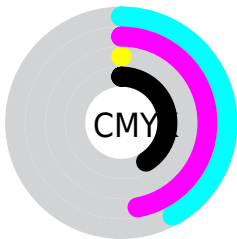
Distribution



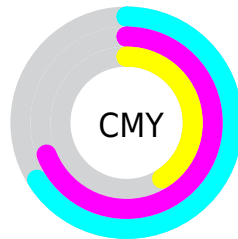
- Red (34%)
- Green (31%)
- Blue (59%)



- Red (34%)
- Yellow (31%)
- Blue (59%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575097 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 575097 by changing the saturation by 10% instead.

■ 575097

■ 575097

FFFFFF

■ 3D397D

■ 8C81CE

■ 222363

■ A79BEA

■ 00104B

■ C3B6FF

■ 000034

■ E0D2FF

■ 00021E

■ FDEEFF

■ 000000

■ 575097

■ 575097

■ 494197

■ 655F97

■ 3C3297

■ 726E97

■ 2E2397

■ 807D97

■ 211497

■ 8D8C97

■ 130597

■ 9B9C97

■ 0F0097

■ A9AB97

■ B6BA97

■ C4C997

■ D2D897

Harmonies

Analogous

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



005DA0



575097



83407E

Triad

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



575097



87491B



006A57

Complementary

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



575097



909750

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.



0C6733



575097



6B5706

Square

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



575097



973B39



486114



00697B

Rectangle

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



575097



923867



486114



00694B

Sweetspot

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



575097



ACA9C4



509197



545363



E3E3E3



636363

Same Dimension

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



575097



6156C4



795097



46454D



0E008C



01000D

Inverse Universe

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



975090



C456BA



6E9750



4D454C



8C007E



0D000B

Previews

White Background



This preview shows how the Hex color 575097 looks on a white background.

Color Contrast Check

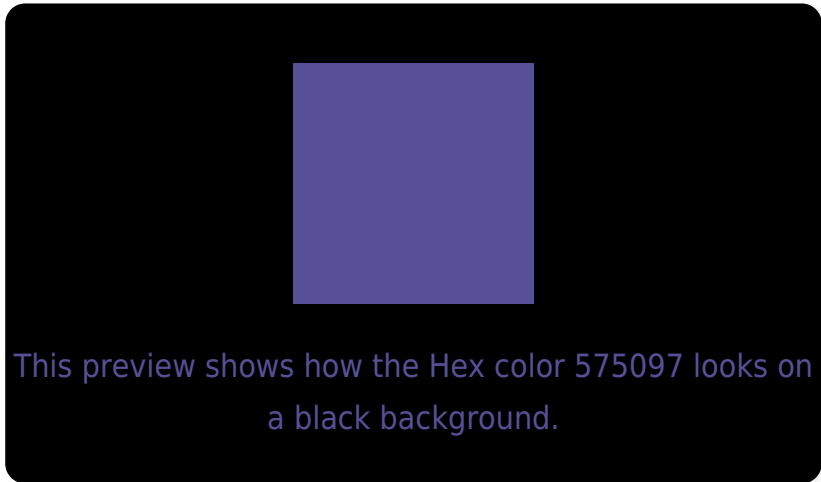
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

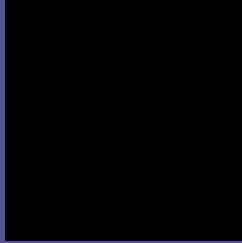
Any Text WCAG AA × Fail

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 575097 Background



This preview shows how black text looks on a background with the Hex color 575097.



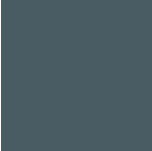
This preview shows how white text looks on a background with the Hex color 575097.

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
4A5C63

Trichromacy



Original Color
575097

Protanomaly
43549B

Deuteranomaly
3F5696

Tritanomaly
4F5876

Monochromacy



Original Color
575097

Achromatopsia
5A5A5A

Achromatomaly
595670

CSS Examples

Text

The CSS property to change the color of the text to Hex 575097 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 #575097 looks like.

```
.text, #text, p{  
    color:#575097  
}
```

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 #575097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575097
}
```

Border

The CSS property to change the border of an element to Hex 575097 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
#575097 }
```

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

```
.border{ border-color:#575097 }
```

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

Here you see how a box with a 4 pixel #575097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575097; -webkit-box-shadow:4px 4px  
4px 4px #575097; box-shadow:4px 4px 4px  
4px #575097 }
```

Background

The CSS property to change the background color of an element to Hex 575097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575097 }
```

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

```
.background{ background-color:#575097 }
```

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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