

Converting Colors

Hex(5E0099)

Have a look what the booklet for
Hex(5E0099) contains.

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Color

Hex(5E0099)

Conversions

Conversions Part 1

Format	Color
Hex	5E0099
RGB	94, 0, 153
RGB Percent	37%, 0%, 60%
CMY	0.6314, 1.0000, 0.4000
CMYK	0.39, 1.00, 0.00, 0.40
HSL	277°, 100%, 30%
HSV	277°, 100%, 60%
XYZ	10.3659, 4.6796, 30.4939
YIQ	45.5480, 6.9110, 67.5110

Conversions

Conversions Part 2

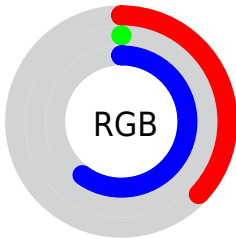
Format	Color
R_{YB}	94, 0, 153
Decimal	6160537
CIE _{Lab}	25.80, 58.71, -58.78
CIE _{LCh}	26, 83.076, 314.964
Yxy	4.6796, 0.2276, 0.1028
Android (android.graphics.Color)	4284350617 (0xFF5E0099)
YUV	45.5480, 52.9738, 42.4924
Hunter-Lab	21.6324, 47.6775, -68.4351

Details

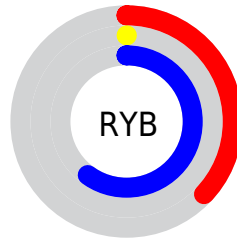
The Hex color **5E0099** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3B9900**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9743D0**, and **230065** is the 20% darker color. If you saturate the color by 10%, you get **5E0099**, and if you desaturate by 10%, it is **640F99**.

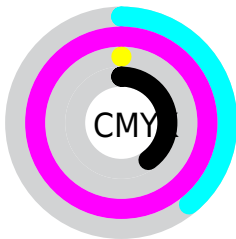
Distribution



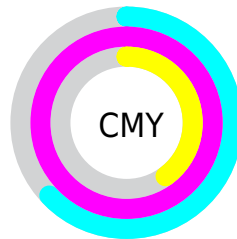
- Red (37%)
- Green (0%)
- Blue (60%)



- Red (37%)
- Yellow (0%)
- Blue (60%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0099 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 5E0099 by changing the saturation by 10% instead.

 5E0099

 5E0099

FFFFFF

 42007E

 9743D0

 230065

 B35EED

 00004C

 D079FF

 000434

 EE94FF

 00021E

 FFB0FF

 000000

 FFCCFF

 FFE9FF

 5E0099

 640F99

 6A1F99

 702E99

 763D99

 7B4D99

 815C99

 876B99

 8D7A99

 938A99

Harmonies

Analogous

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



003DBC



5E0099



970060

Triad

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



5E0099



652E00



00525D

Complementary

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



5E0099



3B9900

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.



005018



5E0099



2D4400

Square

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



5E0099



8C0000



004D00



005398

Rectangle

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



5E0099



A10036



004D00



005247

Sweetspot

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



5E0099



B08BC7



003D99



564063



E3E3E3



636363

Same Dimension

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



5E0099



7A00C7



99008A



4A454D



56008C



08000D

Inverse Universe

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



99003B



C7004D



00990F



4D4548



8C0036



0D0005

Previews

White Background



This preview shows how the Hex color 5E0099 looks on a white background.

Color Contrast Check

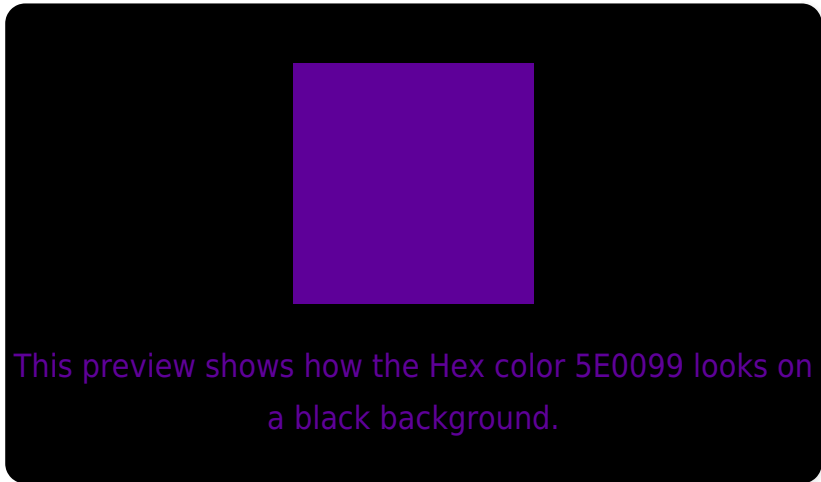
Large Text (above 18pt) WCAG AA ✓ Pass

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

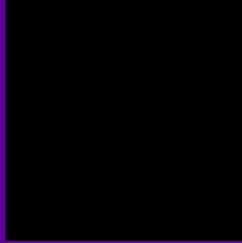
Any Text WCAG AA × Fail

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 5E0099 Background



This preview shows how black text looks on a background with the Hex color 5E0099.



This preview shows how white text looks on a background with the Hex color 5E0099.

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
5E0099

Protanopia
003E82

Deuteranopia
004270



Tritanopia
4C3C40

Trichromacy



Original Color
5E0099

Protanomaly
22278A

Deuteranomaly
222A7F

Tritanomaly
532660

Monochromacy



Original Color
5E0099

Achromatopsia
2E2E2E

Achromatomaly
3F1D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0099 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 #5E0099 looks like.

```
.text, #text, p{  
    color:#5E0099  
}
```

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 #5E0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0099
}
```

Border

The CSS property to change the border of an element to Hex 5E0099 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
#5E0099 }
```

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

```
.border{ border-color:#5E0099 }
```

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

Here you see how a box with a 4 pixel #5E0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0099; -webkit-box-shadow:4px 4px  
4px 4px #5E0099; box-shadow:4px 4px 4px  
4px #5E0099 }
```

Background

The CSS property to change the background color of an element to Hex 5E0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0099 }
```

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

```
.background{ background-color:#5E0099 }
```

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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