

Converting Colors

Hex(5C0095)

Have a look what the booklet for
Hex(5C0095) contains.

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Color

Hex(5C0095)

Conversions

Conversions Part 1

Format	Color
Hex	5C0095
RGB	92, 0, 149
RGB Percent	36%, 0%, 58%
CMY	0.6392, 1.0000, 0.4157
CMYK	0.38, 1.00, 0.00, 0.42
HSL	277°, 100%, 29%
HSV	277°, 100%, 58%
XYZ	9.8384, 4.4452, 28.7732
YIQ	44.4940, 7.0030, 65.8430

Conversions

Conversions Part 2

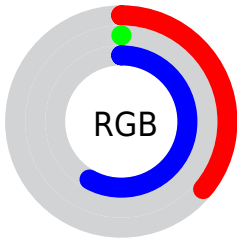
Format	Color
RYB	92, 0, 149
Decimal	6029461
CIELab	25.09, 57.64, -57.50
CIElCh	25, 81.416, 315.074
Yxy	4.4452, 0.2285, 0.1032
Android (android.graphics.Color)	4284219541 (0xFF5C0095)
YUV	44.4940, 51.5215, 41.6628
Hunter-Lab	21.0837, 46.3982, -66.1552

Details

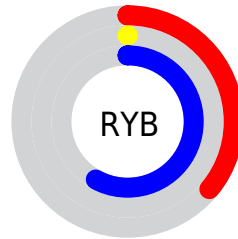
The Hex color **5C0095** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **399500**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9442CC**, and **220061** is the 20% darker color. If you saturate the color by 10%, you get **5C0095**, and if you desaturate by 10%, it is **620F95**.

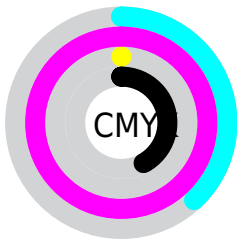
Distribution



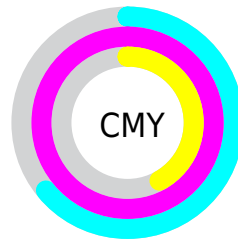
- Red (36%)
- Green (0%)
- Blue (58%)



- Red (36%)
- Yellow (0%)
- Blue (58%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0095 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 5C0095 by changing the saturation by 10% instead.

 5C0095

 5C0095

FFFFFF

 40007B

 9442CC

 220061

 B15DE9

 000048

 CE78FF

 000430

 EC93FF

 00011B

 FFAFFF

 000000

 FFCBFF

 FFE8FF

 5C0095

■ 620F95

■ 671E95

■ 6D2D95

■ 733C95

■ 794B95

■ 7E5995

■ 846895

■ 8A7795

■ 8F8695

Harmonies

Analogous

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



003CB7



5C0095



93005D

Triad

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



5C0095



622D00



00505B

Complementary

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



5C0095



399500

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.



004E18



5C0095



2C4300

Square

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



5C0095



890000



004B00



005194

Rectangle

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



5C0095



9D0035



004B00



005045

Sweetspot

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



5C0095



AC88C2



003995



543E61



E0E0E0



616161

Same Dimension

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



5C0095



7800C2



950084



47434A



55008A



06000A

Inverse Universe

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



950039



C2004A



009511



4A4345



8A0035



0A0004

Previews

White Background



This preview shows how the Hex color 5C0095 looks on a white background.

Color Contrast Check

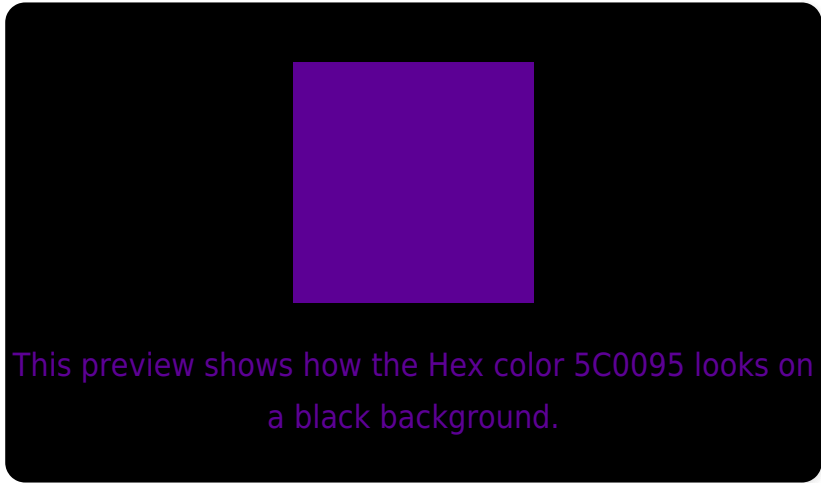
Large Text (above 18pt) WCAG AA ✓ Pass

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

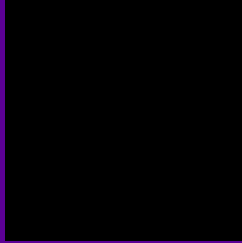
Any Text WCAG AA × Fail

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 5C0095 Background



This preview shows how black text looks on a background with the Hex color 5C0095.



This preview shows how white text looks on a background with the Hex color 5C0095.

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
4B3A3F

Trichromacy



Original Color
5C0095

Protanomaly
212787

Deuteranomaly
21297C

Tritanomaly
51255E

Monochromacy



Original Color
5C0095

Achromatopsia
2C2C2C

Achromatomaly
3D1C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0095 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 #5C0095 looks like.

```
.text, #text, p{  
    color:#5C0095  
}
```

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 #5C0095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0095
}
```

Border

The CSS property to change the border of an element to Hex 5C0095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

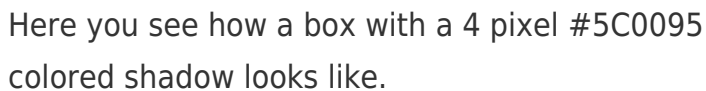
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0095 }
```

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

```
.border{ border-color:#5C0095 }
```

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



Here you see how a box with a 4 pixel #5C0095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0095; -webkit-box-shadow:4px 4px  
4px 4px #5C0095; box-shadow:4px 4px 4px  
4px #5C0095 }
```

Background

The CSS property to change the background color of an element to Hex 5C0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0095 }
```

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

```
.background{ background-color:#5C0095 }
```

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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