

Converting Colors

Hex(5A0095)

Have a look what the booklet for
Hex(5A0095) contains.

Hex(5A0095)	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(5A0095)

Conversions

Conversions Part 1

Format	Color
Hex	5A0095
RGB	90, 0, 149
RGB Percent	35%, 0%, 58%
CMY	0.6471, 1.0000, 0.4157
CMYK	0.40, 1.00, 0.00, 0.42
HSL	276°, 100%, 29%
HSV	276°, 100%, 58%
XYZ	9.6413, 4.3436, 28.7640
YIQ	43.8960, 5.8110, 65.4190

Conversions

Conversions Part 2

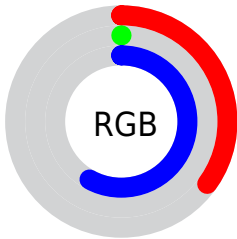
Format	Color
RYB	90, 0, 149
Decimal	5898389
CIELab	24.78, 57.43, -58.03
CIElCh	25, 81.638, 314.702
Yxy	4.3436, 0.2255, 0.1016
Android (android.graphics.Color)	4284088469 (0xFF5A0095)
YUV	43.8960, 51.8163, 40.4332
Hunter-Lab	20.8413, 46.1027, -67.2400

Details

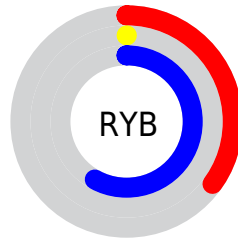
The Hex color **5A0095** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3B9500**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9242CC**, and **1F0061** is the 20% darker color. If you saturate the color by 10%, you get **5A0095**, and if you desaturate by 10%, it is **600F95**.

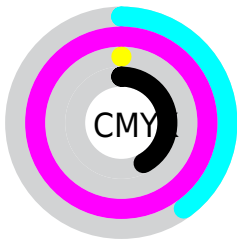
Distribution



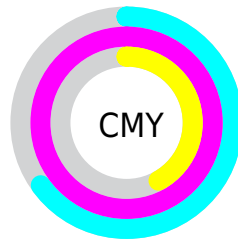
- Red (35%)
- Green (0%)
- Blue (58%)



- Red (35%)
- Yellow (0%)
- Blue (58%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0095 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 5A0095 by changing the saturation by 10% instead.

 5A0095

 5A0095

FFFFFF

 3E007A

 9242CC

 1F0061

 AF5CE9

 000048

 CC77FF

 000430

 EA92FF

 00011B

 FFAEFF

 000000

 FFCAFF

 FFE7FF

 5A0095

 600F95

 661E95

 6C2D95

 723C95

 784B95

 7D5995

 836895

 897795

 8F8695

Harmonies

Analogous

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



003BB7



5A0095



92005D

Triad

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



5A0095



622C00



004F59

Complementary

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



5A0095



3B9500

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.



004E16



5A0095



2C4200

Square

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



5A0095



880000



004A00



005093

Rectangle

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



5A0095



9C0035



004A00



004F44

Sweetspot

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



5A0095



AB88C2



003C95



533E61



E0E0E0



616161

Same Dimension

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



5A0095



7500C2



950086



47434A



53008A



06000A

Inverse Universe

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



95003B



C2004D



00950F



4A4345



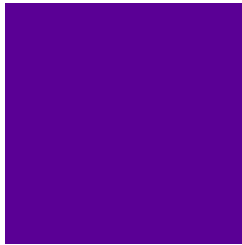
8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 5A0095 looks on a white background.

Color Contrast Check

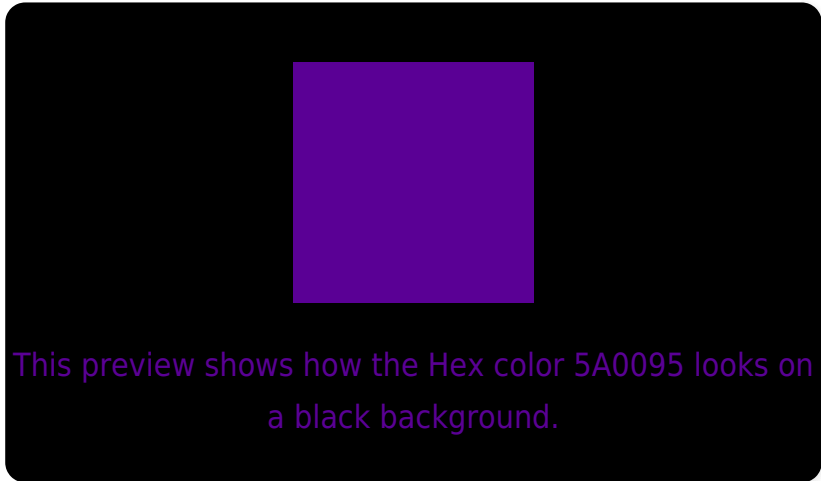
Large Text (above 18pt) WCAG AA ✓ Pass

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

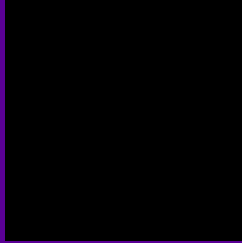
Any Text WCAG AA × Fail

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 5A0095 Background



This preview shows how black text looks on a background with the Hex color 5A0095.



This preview shows how white text looks on a background with the Hex color 5A0095.

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
5A0095

Protanopia
003C7E

Deuteranopia
00406C



Tritanopia
483A3F

Trichromacy



Original Color
5A0095

Protanomaly
212686

Deuteranomaly
21297B

Tritanomaly
4F255E

Monochromacy



Original Color
5A0095

Achromatopsia
2C2C2C

Achromatomaly
3D1C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0095 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 #5A0095 looks like.

```
.text, #text, p{  
    color:#5A0095  
}
```

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 #5A0095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0095
}
```

Border

The CSS property to change the border of an element to Hex 5A0095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

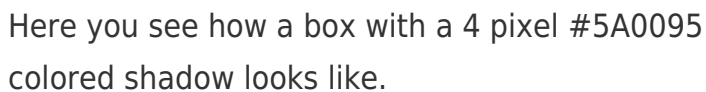
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0095 }
```

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

```
.border{ border-color:#5A0095 }
```

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



Here you see how a box with a 4 pixel #5A0095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0095; -webkit-box-shadow:4px 4px  
4px 4px #5A0095; box-shadow:4px 4px 4px  
4px #5A0095 }
```

Background

The CSS property to change the background color of an element to Hex 5A0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0095 }
```

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

```
.background{ background-color:#5A0095 }
```

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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