

Converting Colors

Hex(5E0990)

Have a look what the booklet for
Hex(5E0990) contains.

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Color

Hex(5E0990)

Conversions

Conversions Part 1

Format	Color
Hex	5E0990
RGB	94, 9, 144
RGB Percent	37%, 4%, 56%
CMY	0.6314, 0.9647, 0.4353
CMYK	0.35, 0.94, 0.00, 0.44
HSL	278°, 88%, 30%
HSV	278°, 94%, 56%
XYZ	9.7478, 4.5887, 26.7575
YIQ	49.8050, 7.3250, 60.0050

Conversions

Conversions Part 2

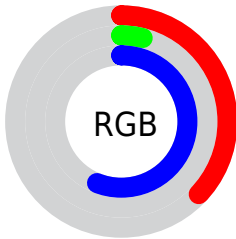
Format	Color
RYB	94, 9, 144
Decimal	6162832
CIELab	25.53, 55.04, -53.67
CIElCh	26, 76.874, 315.719
Yxy	4.5887, 0.2372, 0.1117
Android (android.graphics.Color)	4284352912 (0xFF5E0990)
YUV	49.8050, 46.4381, 38.7590
Hunter-Lab	21.4212, 43.7402, -59.0651

Details

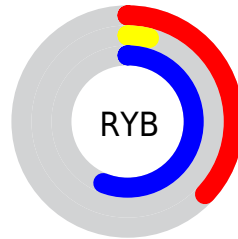
The Hex color **5E0990** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3B9009**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9646C7**, and **26005C** is the 20% darker color. If you saturate the color by 10%, you get **5B0090**, and if you desaturate by 10%, it is **631790**.

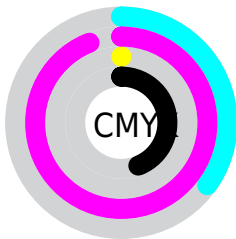
Distribution



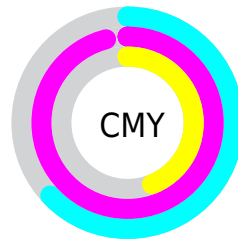
- Red (37%)
- Green (4%)
- Blue (56%)



- Red (37%)
- Yellow (4%)
- Blue (56%)



- Cyan (35%)
- Magenta (94%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0990 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 5E0990 by changing the saturation by 10% instead.

 5E0990

 5E0990

FFFFFF

 420076

 9646C7

 26005C

 B260E3

 040044

 CF7BFF

 00032C

 EC96FF

 000117

 FFB2FF

 000000

 FFCEFF

 FFE8FF

 5E0990

 5E0990

■ 5B0090

■ 631790

■ 692690

■ 6E3490

■ 734390

■ 795190

■ 7E5F90

■ 836E90

■ 897C90

■ 8E8B90

Harmonies

Analogous

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



003CB1



5E0990



90005B

Triad

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



5E0990



612F00



00515B

Complementary

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



5E0990



3B9009

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.



004F1D



5E0990



2E4300

Square

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



5E0990



860000



004C00



005191

Rectangle

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



5E0990



9A0035



004C00



005047

Sweetspot

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



5E0990



A786BA



093D90



523E5E



DEDEDE



5E5E5E

Same Dimension

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



5E0990



7500BA



900980



454047



550087



050008

Inverse Universe

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



90093B



BA0045



099019



474043



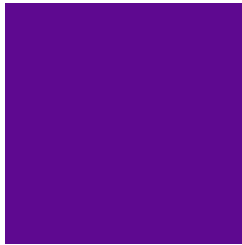
870032



080003

Previews

White Background



This preview shows how the Hex color 5E0990 looks on a white background.

Color Contrast Check

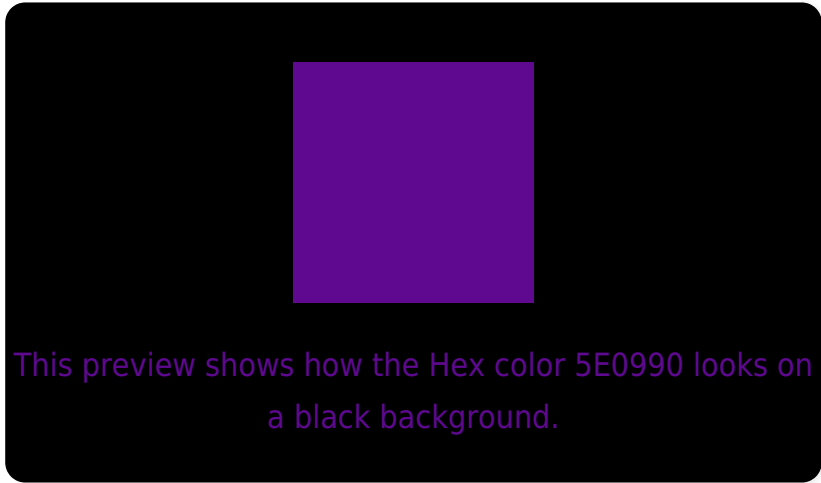
Large Text (above 18pt) WCAG AA ✓ Pass

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

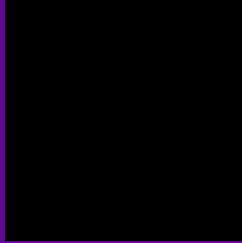
Any Text WCAG AA × Fail

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 5E0990 Background



This preview shows how black text looks on a background with the Hex color 5E0990.



This preview shows how white text looks on a background with the Hex color 5E0990.

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](#).

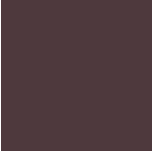
Dichromacy



Original Color
5E0990

Protanopia
003D7F

Deuteranopia
00406E



Tritanopia
4E393D

Trichromacy



Original Color
5E0990

Protanomaly
222A85

Deuteranomaly
222C7A

Tritanomaly
54285B

Monochromacy



Original Color
5E0990

Achromatopsia
323232

Achromatomaly
422354

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0990 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 #5E0990 looks like.

```
.text, #text, p{  
    color:#5E0990  
}
```

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 #5E0990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0990
}
```

Border

The CSS property to change the border of an element to Hex 5E0990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

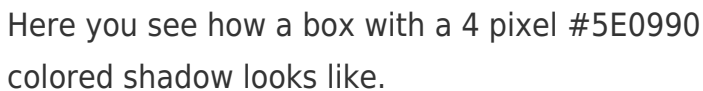
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E0990 }
```

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

```
.border{ border-color:#5E0990 }
```

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



Here you see how a box with a 4 pixel #5E0990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0990; -webkit-box-shadow:4px 4px  
4px 4px #5E0990; box-shadow:4px 4px 4px  
4px #5E0990 }
```

Background

The CSS property to change the background color of an element to Hex 5E0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0990 }
```

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

```
.background{ background-color:#5E0990 }
```

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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