

Converting Colors

Hex(5A1790)

Have a look what the booklet for
Hex(5A1790) contains.

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Color

Hex(5A1790)

Conversions

Conversions Part 1

Format	Color
Hex	5A1790
RGB	90, 23, 144
RGB Percent	35%, 9%, 56%
CMY	0.6471, 0.9098, 0.4353
CMYK	0.37, 0.84, 0.00, 0.44
HSL	273°, 72%, 33%
HSV	273°, 84%, 56%
XYZ	9.5569, 4.8001, 26.8084
YIQ	56.8270, 1.0910, 51.8350

Conversions

Conversions Part 2

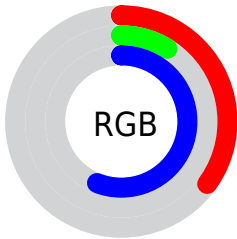
Format	Color
R_{YB}	90, 23, 144
Decimal	5904272
CIE _{Lab}	26.16, 50.79, -52.67
CIE _{LCh}	26, 73.168, 313.961
Yxy	4.8001, 0.2322, 0.1166
Android (android.graphics.Color)	4284094352 (0xFF5A1790)
YUV	56.8270, 42.9763, 29.0927
Hunter-Lab	21.9091, 39.5221, -57.2121

Details

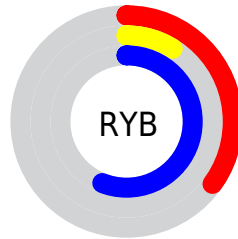
The Hex color **5A1790** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4D9017**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **914CC7**, and **22005C** is the 20% darker color. If you saturate the color by 10%, you get **540990**, and if you desaturate by 10%, it is **602590**.

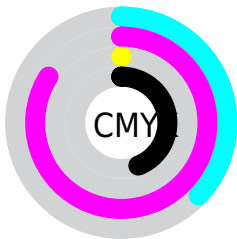
Distribution



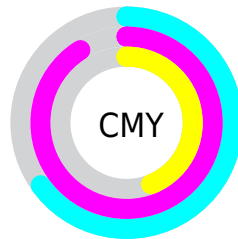
- Red (35%)
- Green (9%)
- Blue (56%)



- Red (35%)
- Yellow (9%)
- Blue (56%)



- Cyan (37%)
- Magenta (84%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1790 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 5A1790 by changing the saturation by 10% instead.

5A1790

5A1790

FFFFFF

3E0076

914CC7

22005C

AD66E3

000044

CA81FF

00032D

E79CFF

000117

FFB7FF

000000

FFD4FF

FFF1FF

5A1790

5A1790

■ 540990

■ 602590

■ 500090

■ 673490

■ 6D4290

■ 745190

■ 7A5F90

■ 816D90

■ 877C90

■ 8D8A90

■ 949990

Harmonies

Analogous

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



003EAD



5A1790



8D005E

Triad

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



5A1790



653000



005258

Complementary

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



5A1790



4D9017

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.



00501C



5A1790



354400

Square

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



5A1790



870000



004D00



00528C

Rectangle

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



5A1790



98003A



004D00



005144

Sweetspot

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



5A1790



A58CBA



174D90



52425E



DEDEDE



5E5E5E

Same Dimension

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



5A1790



6700BA



90178A



444047



4B0087



040008

Inverse Universe

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



90174D



BA0053



17901D



474043



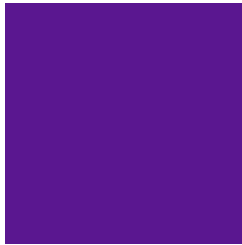
87003C



080003

Previews

White Background



This preview shows how the Hex color 5A1790 looks on a white background.

Color Contrast Check

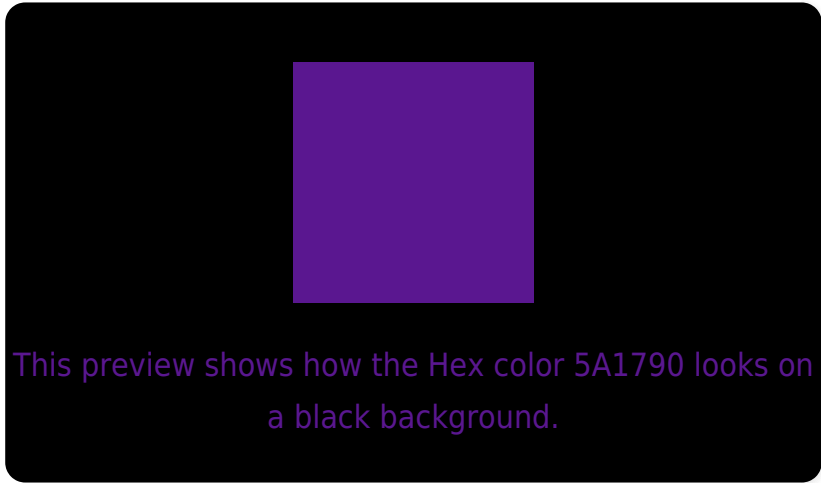
Large Text (above 18pt) WCAG AA ✓ Pass

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

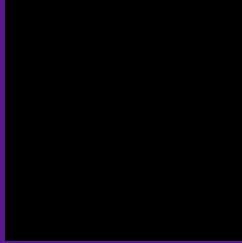
Any Text WCAG AA × Fail

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 5A1790 Background



This preview shows how black text looks on a background with the Hex color 5A1790.



This preview shows how white text looks on a background with the Hex color 5A1790.

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

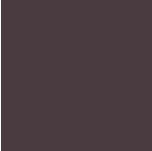
5A1790

Protanopia

003D81

Deuteranopia

00416F



Tritanopia
4A3B40

Trichromacy



Original Color
5A1790



Protanomaly
212F86



Deuteranomaly
21327B



Tritanomaly
502E5D

Monochromacy



Original Color
5A1790



Achromatopsia
393939



Achromatomaly
452D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1790 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 #5A1790 looks like.

```
.text, #text, p{  
    color:#5A1790  
}
```

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 #5A1790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1790
}
```

Border

The CSS property to change the border of an element to Hex 5A1790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

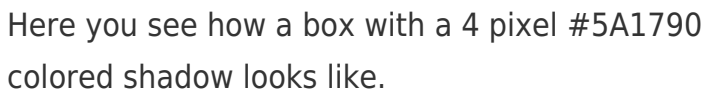
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1790 }
```

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

```
.border{ border-color:#5A1790 }
```

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



Here you see how a box with a 4 pixel #5A1790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1790; -webkit-box-shadow:4px 4px  
4px 4px #5A1790; box-shadow:4px 4px 4px  
4px #5A1790 }
```

Background

The CSS property to change the background color of an element to Hex 5A1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1790 }
```

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

```
.background{ background-color:#5A1790 }
```

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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