

Converting Colors

Hex(5A1F00)

Have a look what the booklet for
Hex(5A1F00) contains.

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Color

Hex(5A1F00)

Conversions

Conversions Part 1

Format	Color
Hex	5A1F00
RGB	90, 31, 0
RGB Percent	35%, 12%, 0%
CMY	0.6471, 0.8784, 1.0000
CMYK	0.00, 0.66, 1.00, 0.65
HSL	21°, 100%, 18%
HSV	21°, 100%, 35%
XYZ	4.7064, 3.1536, 0.3607
YIQ	45.1070, 45.1150, 2.8670

Conversions

Conversions Part 2

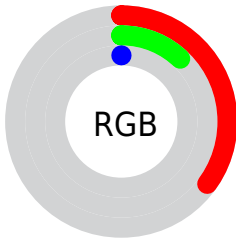
Format	Color
R_{YB}	90, 47, 0
Decimal	5906176
CIE _{Lab}	20.65, 25.64, 30.44
CIE _{LCh}	21, 39.800, 49.899
Yxy	3.1536, 0.5725, 0.3836
Android (android.graphics.Color)	4284096256 (0xFF5A1F00)
YUV	45.1070, -22.2378, 39.3712
Hunter-Lab	17.7585, 16.2296, 11.2268

Details

The Hex color **5A1F00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003B5A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **914E2F**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5A1F00**, and if you desaturate by 10%, it is **5A2509**.

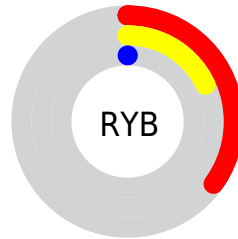
Distribution



Red (35%)

Green (12%)

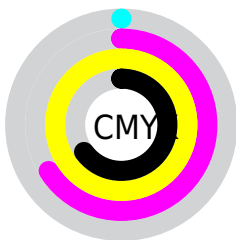
Blue (0%)



Red (35%)

Yellow (18%)

Blue (0%)

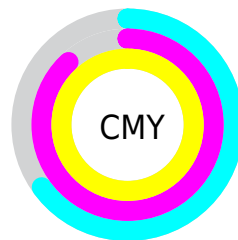


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1F00 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 5A1F00 by changing the saturation by 10% instead.

 5A1F00

 5A1F00

 FFFFE3

 3F0800

 914E2F

 280001

 AE6646

 000000

 CB805E

 E99A77

 FFB591

 FFD1AB

 FFEDC7

 5A1F00

■ 5A2509

■ 5A2B12

■ 5A311B

■ 5A3724

■ 5A3D2D

■ 5A4236

■ 5A483F

■ 5A4E48

■ 5A5451

Harmonies

Analogous

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



640F20



5A1F00



462D00

Triad

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



5A1F00



003E26



132E69

Complementary

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



5A1F00



003B5A

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.



00386C



5A1F00



003E45

Square

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



5A1F00



003B06



003D5E



4A1F58

Rectangle

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



5A1F00



363400



003D5E



00326C

Sweetspot

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



5A1F00



755E52



5A003C



3B2D26



BABABA



3B3B3B

Same Dimension

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



5A1F00



752800



5A4B00



2E2B29



6E2600



ED5200

Inverse Universe

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



003B5A



004D75



000F5A



292C2E



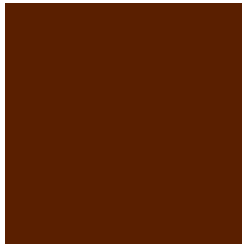
00486E



009BED

Previews

White Background



This preview shows how the Hex color 5A1F00 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

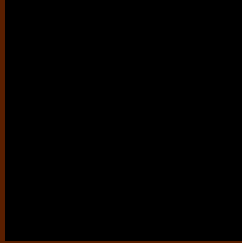
Any Text WCAG AA × Fail

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 5A1F00 Background



This preview shows how black text looks on a background with the Hex color 5A1F00.



This preview shows how white text looks on a background with the Hex color 5A1F00.

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
5A1F00

Protanopia
3A3309

Deuteranopia
413100



Tritanopia
5B1D1E

Trichromacy



Original Color
5A1F00

Protanomaly
462C06

Deuteranomaly
4A2A00

Tritanomaly
5B1E13

Monochromacy



Original Color
5A1F00

Achromatopsia
2D2D2D

Achromatomaly
3D281D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1F00 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 #5A1F00 looks like.

```
.text, #text, p{  
    color:#5A1F00  
}
```

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 #5A1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1F00
}
```

Border

The CSS property to change the border of an element to Hex 5A1F00 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".

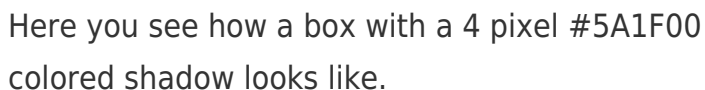
```
.border, #border, table{ border:4px solid
#5A1F00 }
```

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

```
.border{ border-color:#5A1F00 }
```

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

Here you see how a box with a 4 pixel #5A1F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1F00; -webkit-box-shadow:4px 4px  
4px 4px #5A1F00; box-shadow:4px 4px 4px  
4px #5A1F00 }
```

Background

The CSS property to change the background color of an element to Hex 5A1F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1F00 }
```

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

```
.background{ background-color:#5A1F00 }
```

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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