

Converting Colors

Hex(5A1300)

Have a look what the booklet for
Hex(5A1300) contains.

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Color

Hex(5A1300)

Conversions

Conversions Part 1

Format	Color
Hex	5A1300
RGB	90, 19, 0
RGB Percent	35%, 7%, 0%
CMY	0.6471, 0.9255, 1.0000
CMYK	0.00, 0.79, 1.00, 0.65
HSL	13°, 100%, 18%
HSV	13°, 100%, 35%
XYZ	4.4493, 2.6394, 0.2750
YIQ	38.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

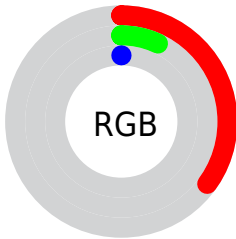
Format	Color
R _Y B	90, 24, 0
Decimal	5903104
CIE Lab	18.54, 31.33, 28.03
CIE LCh	19, 42.038, 41.816
Yxy	2.6394, 0.6042, 0.3584
Android (android.graphics.Color)	4284093184 (0xFF5A1300)
YUV	38.0630, -18.7651, 45.5487
Hunter-Lab	16.2462, 20.4545, 10.3689

Details

The Hex color **5A1300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00475A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **92442F**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **5A1300**, and if you desaturate by 10%, it is **5A1A09**.

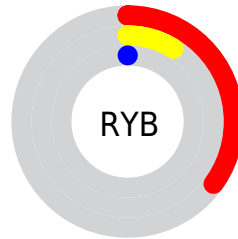
Distribution



Red (35%)

Green (7%)

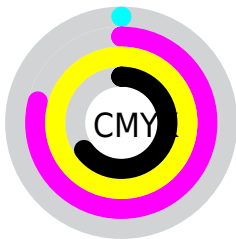
Blue (0%)



Red (35%)

Yellow (9%)

Blue (0%)

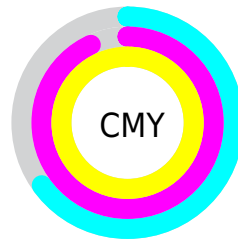


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1300 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 5A1300 by changing the saturation by 10% instead.

 5A1300

 5A1300

 FFFFE2

 3F0000

 92442F

 260001

 AF5C46

 000000

 CC765D

 EA9076

 FFAB90

 FFC7AB

 FFE3C6

 5A1300

■ 5A1A09

■ 5A2112

■ 5A281B

■ 5A2F24

■ 5A372D

■ 5A3E36

■ 5A453F

■ 5A4C48

■ 5A5351

Harmonies

Analogous

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



610023



5A1300



482500

Triad

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



5A1300



003919



002D6A

Complementary

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



5A1300



00475A

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.



003668



5A1300



003A39

Square

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



5A1300



093600



003955



3C1E5B

Rectangle

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



5A1300



372D00



003955



00316B

Sweetspot

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



5A1300



755A52



5A0048



3B2A26



BABABA



3B3B3B

Same Dimension

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



5A1300



751900



5A3F00



2E2A29



6E1700



ED3200

Inverse Universe

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



00475A



005D75



001B5A



292D2E



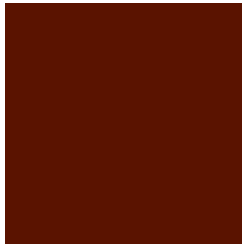
00576E



00BBED

Previews

White Background



This preview shows how the Hex color 5A1300 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

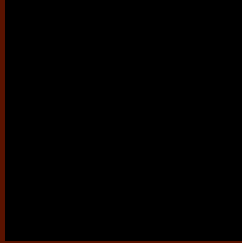
Any Text WCAG AA × Fail

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 5A1300 Background



This preview shows how black text looks on a background with the Hex color 5A1300.



This preview shows how white text looks on a background with the Hex color 5A1300.

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
5A1300

Protanopia
35300B

Deuteranopia
3C2D00

Trichromacy



Original Color
5A1300

Protanomaly
422507

Deuteranomaly
472400

Tritanomaly
5A120B

Monochromacy



Original Color
5A1300

Achromatopsia
262626

Achromatomaly
391F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1300 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 #5A1300 looks like.

```
.text, #text, p{  
    color:#5A1300  
}
```

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 #5A1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1300
}
```

Border

The CSS property to change the border of an element to Hex 5A1300 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".

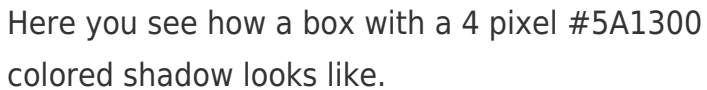
```
.border, #border, table{ border:4px solid
#5A1300 }
```

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

```
.border{ border-color:#5A1300 }
```

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

Here you see how a box with a 4 pixel #5A1300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1300; -webkit-box-shadow:4px 4px  
4px 4px #5A1300; box-shadow:4px 4px 4px  
4px #5A1300 }
```

Background

The CSS property to change the background color of an element to Hex 5A1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1300 }
```

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

```
.background{ background-color:#5A1300 }
```

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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