

# Converting Colors

Hex(5A1502)

Have a look what the booklet for  
Hex(5A1502) contains.

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**Color**

**Hex(5A1502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A1502
RGB	90, 21, 2
RGB Percent	35%, 8%, 1%
CMY	0.6471, 0.9176, 0.9922
CMYK	0.00, 0.77, 0.98, 0.65
HSL	13°, 96%, 18%
HSV	13°, 98%, 35%
XYZ	4.4956, 2.7144, 0.3444
YIQ	39.4650, 47.2230, 8.7190

# Conversions

## Conversions Part 2

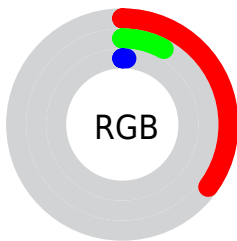
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 26, 2
Decimal	5903618
CIE <sub>Lab</sub>	18.86, 30.56, 27.59
CIE <sub>LCh</sub>	19, 41.172, 42.083
Yxy	2.7144, 0.5951, 0.3593
Android (android.graphics.Color)	4284093698 (0xFF5A1502)
YUV	39.4650, -18.4702, 44.3192
Hunter-Lab	16.4754, 19.8748, 10.2933

# Details

The Hex color **5A1502** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **02475A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **924530**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5A1300**, and if you desaturate by 10%, it is **5A1C0B**.

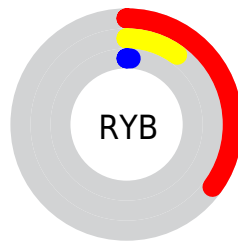
# Distribution



Red (35%)

Green (8%)

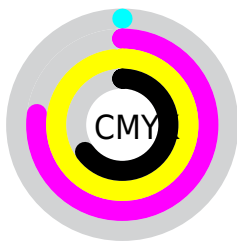
Blue (1%)



Red (35%)

Yellow (10%)

Blue (1%)

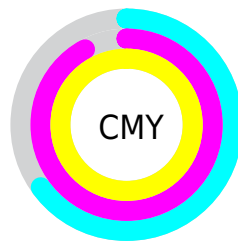


Cyan (0%)

Magenta (77%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (92%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A1502 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 5A1502 by changing the saturation by 10% instead.



 5A1502

 5A1502

 FFFFE4

 3F0000

 924530

 270001

 AE5E47

 000000

 CC775F

 E99178

 FFAC92

 FFC8AC

 FFE4C8

 5A1502

 5A1502

■ 5A1300

■ 5A1C0B

■ 5A2314

■ 5A2A1D

■ 5A3126

■ 5A382F

■ 5A3F38

■ 5A4641

■ 5A4D4A

■ 5A5553

# Harmonies

## Analogous

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



610223



5A1502



482600

# Triad

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



5A1502



00391A



002E69

# Complementary

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



5A1502



02475A

# 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.



003667



5A1502



003A3A

# Square

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



5A1502



0A3600



003A56



3D1F5B

# Rectangle

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



5A1502



382D00



003A56



00316A



# Sweetspot

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



5A1502



755B53



5A0248



3B2B26



BABABA



3B3B3B



# Same Dimension

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



5A1502



751900



5A4002



2E2A29



6E1800



ED3300



# Inverse Universe

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



02475A



005C75



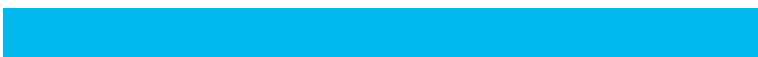
021C5A



292D2E



00566E

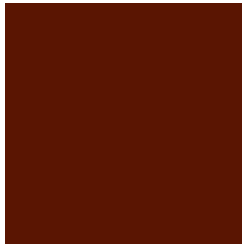


00BAED



# Previews

## White Background



This preview shows how the Hex color 5A1502 looks on a white background.

## Color Contrast Check

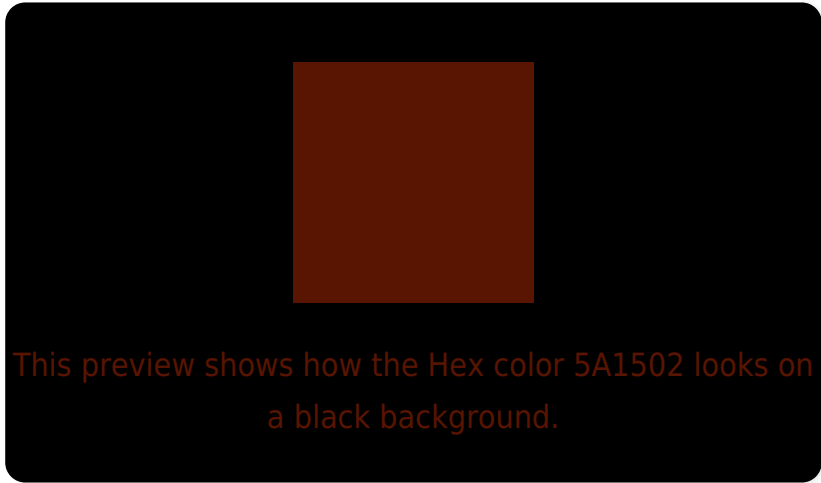
Large Text (above 18pt) WCAG AA ✓ Pass

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

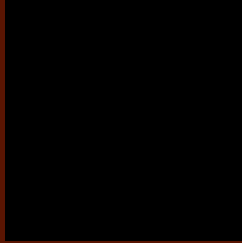
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A1502 Background



This preview shows how black text looks on a background with the Hex color 5A1502.



This preview shows how white text looks on a background with the Hex color 5A1502.

# 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**  
5A1502

**Protanopia**  
36300B

**Deuteranopia**  
3C2E00



**Tritanopia**  
5A1414

# Trichromacy



**Original Color**  
5A1502

**Protanomaly**  
432608

**Deuteranomaly**  
472501

**Tritanomaly**  
5A140D

# Monochromacy



**Original Color**  
5A1502

**Achromatopsia**  
272727

**Achromatomaly**  
3A201A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A1502 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 #5A1502 looks like.

```
.text, #text, p{  
    color:#5A1502  
}
```

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 #5A1502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1502
}
```

## Border

The CSS property to change the border of an element to Hex 5A1502 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".

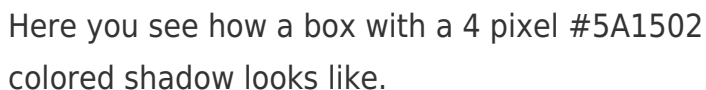
```
.border, #border, table{ border:4px solid
#5A1502 }
```

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

```
.border{ border-color:#5A1502 }
```

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

Here you see how a box with a 4 pixel #5A1502 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1502; -webkit-box-shadow:4px 4px  
4px 4px #5A1502; box-shadow:4px 4px 4px  
4px #5A1502 }
```

# Background

The CSS property to change the background color of an element to Hex 5A1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1502 }
```

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

```
.background{ background-color:#5A1502 }
```

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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