

# Converting Colors

Hex(561A1B)

Have a look what the booklet for  
Hex(561A1B) contains.

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**Color**

**Hex(561A1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	561A1B
RGB	86, 26, 27
RGB Percent	34%, 10%, 11%
CMY	0.6627, 0.8980, 0.8941
CMYK	0.00, 0.70, 0.69, 0.66
HSL	359°, 54%, 22%
HSV	359°, 70%, 34%
XYZ	4.4050, 2.7964, 1.3445
YIQ	44.0540, 35.4390, 13.0310

# Conversions

## Conversions Part 2

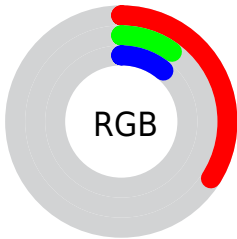
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 26, 27
Decimal	5642779
CIE <sub>Lab</sub>	19.21, 27.84, 14.48
CIE <sub>LCh</sub>	19, 31.376, 27.480
Yxy	2.7964, 0.5155, 0.3272
Android (android.graphics.Color)	4283832859 (0xFF561A1B)
YUV	44.0540, -8.4076, 36.7866
Hunter-Lab	16.7223, 17.7563, 6.9386




# Details

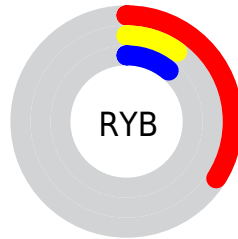
The Hex color **561A1B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A5655**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **8C4946**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **561113**, and if you desaturate by 10%, it is **562323**.

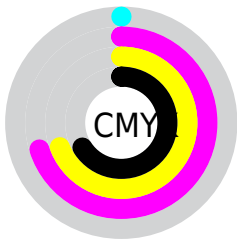
# Distribution







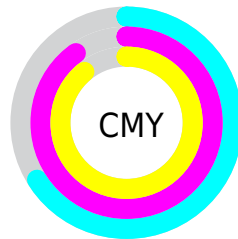
-  Red (34%)
-  Green (10%)
-  Blue (11%)






-  Red (34%)
-  Yellow (10%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (69%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (90%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 561A1B 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 561A1B by changing the saturation by 10% instead.



 561A1B

 561A1B

FFFFFF

 3D0200

 8C4946

 260001

 A8625E

 000000

 C47B76

 E19590

 FF0000

 FFCC00

 FFE800

 561A1B

 561A1B

■ 561113

■ 562323

■ 56090A

■ 562B2C

■ 560002

■ 563434

■ 560001

■ 563C3D

■ 564545

■ 564E4E

■ 565656

■ 565F5F

■ 566767

# Harmonies

## Analogous

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



561732



561A1B



4C2404

# Triad

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



561A1B



003715



00325C

# Complementary

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



561A1B



1A5655

# 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.



003755



561A1B



00392C

# Square

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



561A1B



253300



003943



2A2957

# Rectangle

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



561A1B



422A00



003943



00345B



# Sweetspot

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



561A1B



705959



551A56



382A2A



B8B8B8



383838



# Same Dimension

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



561A1B



701214



56371A



2B2727



6B0002



EB0004



# Inverse Universe

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



561A1B



701214



1A3956



2B2727



6B0002

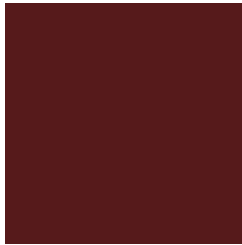


EB0004



# Previews

## White Background



This preview shows how the Hex color 561A1B looks on a white background.

## Color Contrast Check

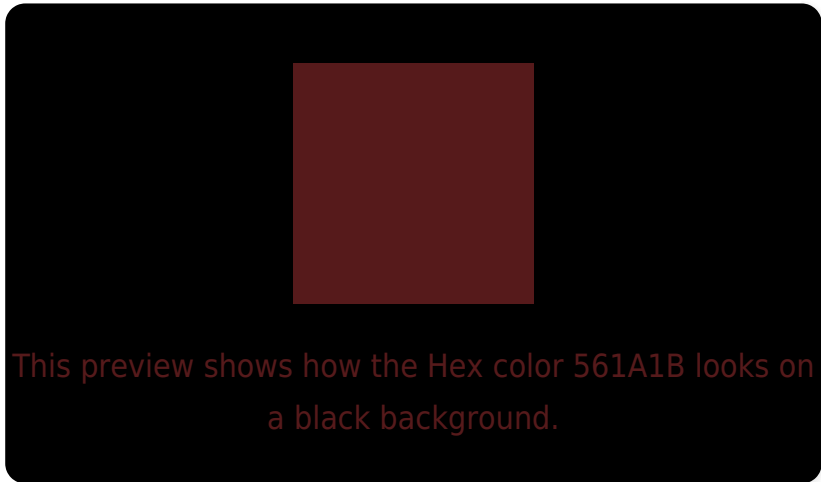
Large Text (above 18pt) WCAG AA ✓ Pass

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 561A1B Background



This preview shows how black text looks on a background with the Hex color 561A1B.

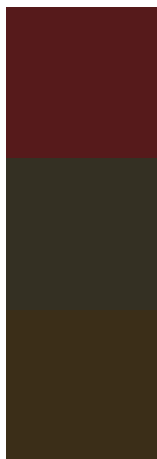


This preview shows how white text looks on a background with the Hex color 561A1B.

# 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**  
561A1B

**Protanopia**  
343023

**Deuteranopia**  
3B2E18



**Tritanopia**  
561A1B

# Trichromacy



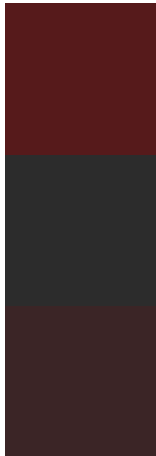
**Original Color**  
561A1B

**Protanomaly**  
402820

**Deuteranomaly**  
452719

**Tritanomaly**  
561A1B

# Monochromacy



**Original Color**  
561A1B

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3B2526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 561A1B 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 #561A1B looks like.

```
.text, #text, p{  
    color:#561A1B  
}
```

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 #561A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561A1B
}
```

## Border

The CSS property to change the border of an element to Hex 561A1B 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".

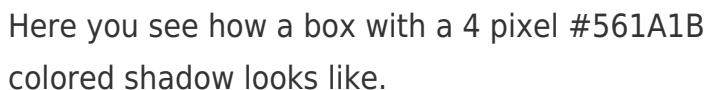
```
.border, #border, table{ border:4px solid
#561A1B }
```

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

```
.border{ border-color:#561A1B }
```

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

Here you see how a box with a 4 pixel #561A1B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561A1B; -webkit-box-shadow:4px 4px  
4px 4px #561A1B; box-shadow:4px 4px 4px  
4px #561A1B }
```

# Background

The CSS property to change the background color of an element to Hex 561A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561A1B }
```

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

```
.background{ background-color:#561A1B }
```

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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