

# Converting Colors

Hex(561708)

Have a look what the booklet for  
Hex(561708) contains.

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**Color**

**Hex(561708)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	561708
RGB	86, 23, 8
RGB Percent	34%, 9%, 3%
CMY	0.6627, 0.9098, 0.9686
CMYK	0.00, 0.73, 0.91, 0.66
HSL	12°, 83%, 18%
HSV	12°, 91%, 34%
XYZ	4.1880, 2.6088, 0.5125
YIQ	40.1270, 42.3630, 8.6910

# Conversions

## Conversions Part 2

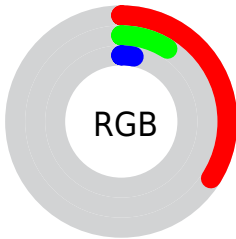
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 27, 8
Decimal	5641992
CIE Lab	18.40, 28.31, 24.40
CIE LCh	18, 37.373, 40.757
Yxy	2.6088, 0.5730, 0.3569
Android (android.graphics.Color)	4283832072 (0xFF561708)
YUV	40.1270, -15.8386, 40.2306
Hunter-Lab	16.1516, 18.0181, 9.4247

# Details

The Hex color **561708** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **084756**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8D4634**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **561100**, and if you desaturate by 10%, it is **561E11**.

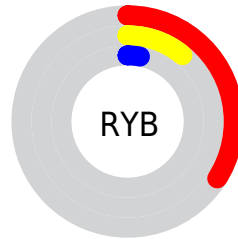
# Distribution



Red (34%)

Green (9%)

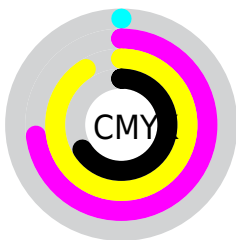
Blue (3%)



Red (34%)

Yellow (11%)

Blue (3%)

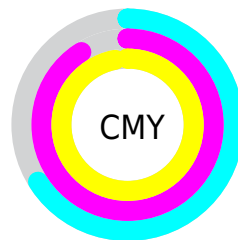


Cyan (0%)

Magenta (73%)

Yellow (91%)

Black (66%)



Cyan (66%)

Magenta (91%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 561708 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 561708 by changing the saturation by 10% instead.



 561708

 561708

 FFFFE9

 3B0000

 8D4634

 230001

 A95F4B

 000000

 C67863

 E4927C

 FFAD96

 FFC9B1

 FFE5CD

 561708

 561708

■ 561100

■ 561E11

■ 562519

■ 562C22

■ 56332A

■ 563A33

■ 56413C

■ 564844

■ 564F4D

■ 565655

# Harmonies

## Analogous

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



5C0A24



561708



462500

# Triad

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



561708



00381A



002D63

# Complementary

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



561708



084756

# 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.



003560



561708



003936

# Square

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



561708



113500



003850



392056

# Rectangle

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



561708



382C00



003850



003064



# Sweetspot

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



561708



705852



560848



382A26



B8B8B8



383838



# Same Dimension

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



561708



701600



563D08



2B2827



6B1500



EB2D00



# Inverse Universe

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



084756



005B70



082156



272B2B



00576B

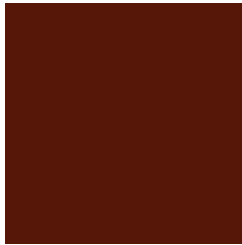


00BDEB



# Previews

## White Background



This preview shows how the Hex color 561708 looks on a white background.

## Color Contrast Check

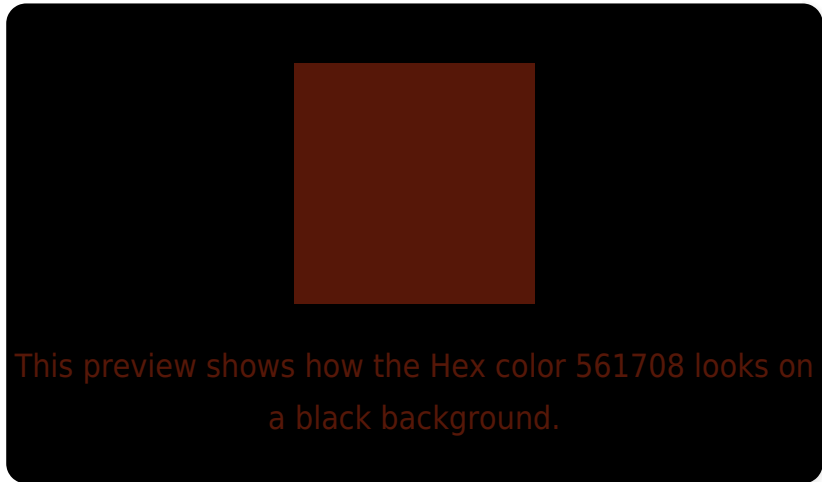
Large Text (above 18pt) WCAG AA ✓ Pass

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 561708 Background



This preview shows how black text looks on a background with the Hex color 561708.

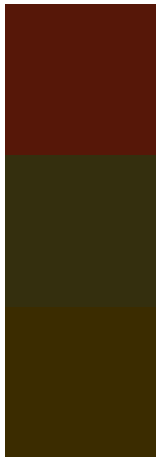


This preview shows how white text looks on a background with the Hex color 561708.

# 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**  
561708

**Protanopia**  
342F0E

**Deuteranopia**  
3B2C00



**Tritanopia**  
561616

# Trichromacy



**Original Color**  
561708

**Protanomaly**  
40260C

**Deuteranomaly**  
452403

**Tritanomaly**  
561611

# Monochromacy



**Original Color**  
561708

**Achromatopsia**  
282828

**Achromatomaly**  
39221C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 561708 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 #561708 looks like.

```
.text, #text, p{  
    color:#561708  
}
```

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 #561708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561708
}
```

## Border

The CSS property to change the border of an element to Hex 561708 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".

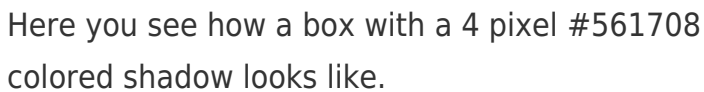
```
.border, #border, table{ border:4px solid
#561708 }
```

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

```
.border{ border-color:#561708 }
```

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

Here you see how a box with a 4 pixel #561708 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561708; -webkit-box-shadow:4px 4px  
4px 4px #561708; box-shadow:4px 4px 4px  
4px #561708 }
```

# Background

The CSS property to change the background color of an element to Hex 561708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561708 }
```

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

```
.background{ background-color:#561708 }
```

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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