

# Converting Colors

Hex(58710A)

Have a look what the booklet for  
Hex(58710A) contains.

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**Color**

**Hex(58710A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58710A
RGB	88, 113, 10
RGB Percent	35%, 44%, 4%
CMY	0.6549, 0.5569, 0.9608
CMYK	0.22, 0.00, 0.91, 0.56
HSL	75°, 84%, 24%
HSV	75°, 91%, 44%
XYZ	9.9844, 13.9069, 2.4452
YIQ	93.7830, 18.1630, -37.3330

# Conversions

## Conversions Part 2

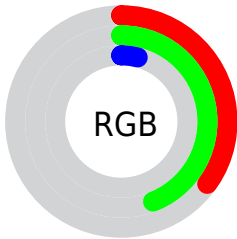
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 113, 35
Decimal	5796106
CIELab	44.10, -23.13, 47.19
CIELCh	44, 52.555, 116.108
Yxy	13.9069, 0.3791, 0.5280
Android (android.graphics.Color)	4283986186 (0xFF58710A)
YUV	93.7830, -41.3050, -5.0717
Hunter-Lab	37.2919, -17.4699, 22.2167

# Details

The Hex color **58710A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **230A71**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8DA542**, and **264100** is the 20% darker color. If you saturate the color by 10%, you get **567100**, and if you desaturate by 10%, it is **5B7115**.

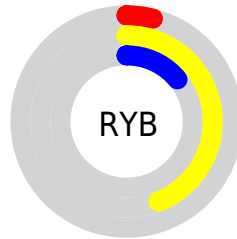
# Distribution



Red (35%)

Green (44%)

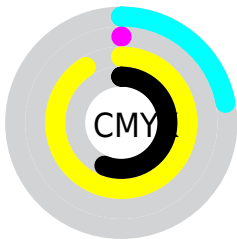
Blue (4%)



Red (4%)

Yellow (44%)

Blue (14%)

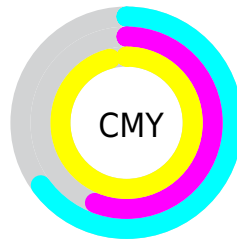


Cyan (22%)

Magenta (0%)

Yellow (91%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58710A 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 58710A by changing the saturation by 10% instead.



 58710A

 58710A

FFFFFF

 3E5800

 8DA542

 264100

 A9C05C

 0A2B00

 C5DC76

 001700

 E1F891

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 58710A

 58710A

■ 567100

■ 5B7115

■ 5D7121

■ 60712C

■ 637137

■ 667142

■ 68714E

■ 6B7159

■ 6E7164

■ 717170

# Harmonies

## Analogous

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



826400



58710A



0F7934

# Triad

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



58710A



0079B0



B23C70

# Complementary

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



58710A



230A71

# 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.



974B9A



58710A



006FC0

# Square

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



58710A



007C8E



5C5FB7



B44145

# Rectangle

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



58710A



007B52



5C5FB7



AC3F7E



# Sweetspot

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



58710A



8A946C



71220A



444A32



C9C9C9



4A4A4A



# Same Dimension

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



58710A



709400



25710A



373832



5B7800



BBF700



# Inverse Universe

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



230A71



240094



560A71



343238



1D0078



3C00F7



# Previews

## White Background



This preview shows how the Hex color 58710A looks on a white background.

## Color Contrast Check

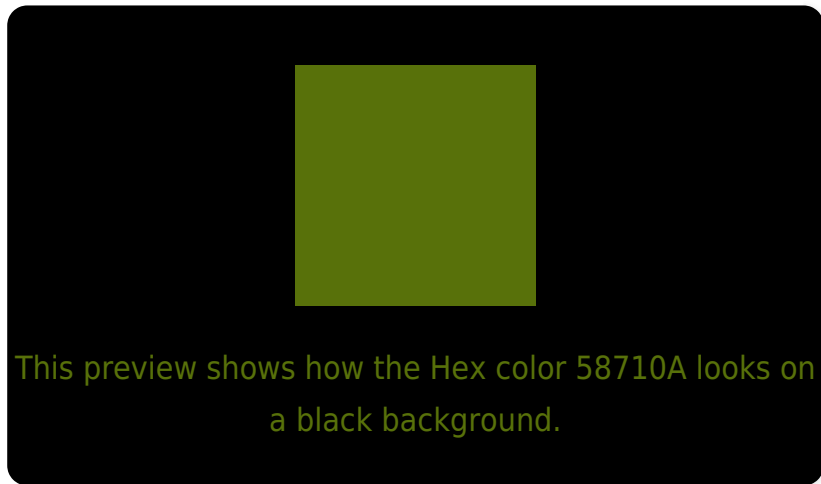
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 58710A Background



This preview shows how black text looks on a background with the Hex color 58710A.



This preview shows how white text looks on a background with the Hex color 58710A.

# 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](#).

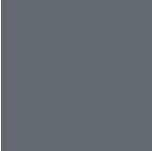
## Dichromacy



**Original Color**  
58710A

**Protanopia**  
756805

**Deuteranopia**  
836316



**Tritanopia**  
626971

# Trichromacy



**Original Color**  
58710A

**Protanomaly**  
6A6B07

**Deuteranomaly**  
736812

**Tritanomaly**  
5E6C4C

# Monochromacy



**Original Color**  
58710A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5C653F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58710A 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 #58710A looks like.

```
.text, #text, p{  
    color:#58710A  
}
```

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 #58710A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58710A
}
```

## Border

The CSS property to change the border of an element to Hex 58710A 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
#58710A }
```

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

```
.border{ border-color:#58710A }
```

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

Here you see how a box with a 4 pixel #58710A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58710A; -webkit-box-shadow:4px 4px  
4px 4px #58710A; box-shadow:4px 4px 4px  
4px #58710A }
```

# Background

The CSS property to change the background color of an element to Hex 58710A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58710A }
```

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

```
.background{ background-color:#58710A }
```

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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