

# Converting Colors

Hex(585C14)

Have a look what the booklet for  
Hex(585C14) contains.

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**Color**

**Hex(585C14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585C14
RGB	88, 92, 20
RGB Percent	35%, 36%, 8%
CMY	0.6549, 0.6392, 0.9216
CMYK	0.04, 0.00, 0.78, 0.64
HSL	63°, 64%, 22%
HSV	63°, 78%, 36%
XYZ	7.9779, 9.7795, 2.1290
YIQ	82.5960, 20.7280, -23.2400

# Conversions

## Conversions Part 2

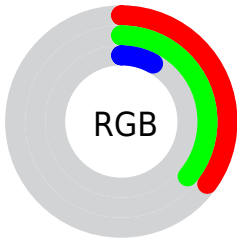
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 92, 24
Decimal	5790740
CIE Lab	37.44, -11.44, 38.26
CIE LCh	37, 39.937, 106.646
Yxy	9.7795, 0.4012, 0.4918
Android (android.graphics.Color)	4283980820 (0xFF585C14)
YUV	82.5960, -30.8598, 4.7393
Hunter-Lab	31.2722, -9.1889, 17.8542

# Details

The Hex color **585C14** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18145C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C8E45**, and **282E00** is the 20% darker color. If you saturate the color by 10%, you get **575C0B**, and if you desaturate by 10%, it is **595C1D**.

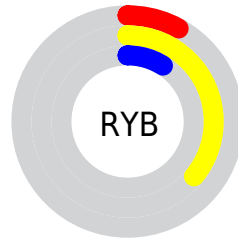
# Distribution



Red (35%)

Green (36%)

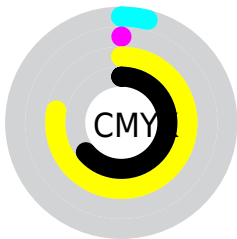
Blue (8%)



Red (8%)

Yellow (36%)

Blue (9%)

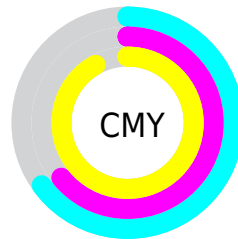


Cyan (4%)

Magenta (0%)

Yellow (78%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585C14 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 585C14 by changing the saturation by 10% instead.



 585C14

 585C14

FFFFFF

 3F4500

 8C8E45

 282E00

 A7A85E

 0C1A00

 C3C477

 000000

 E0E092

 FDFCAD

 FFFFC8

 FFFF E5

 585C14

 585C14

■ 575C0B

■ 595C1D

■ 575C02

■ 595C26

■ 575C00

■ 5A5C30

■ 5A5C39

■ 5B5C42

■ 5B5C4B

■ 5C5C54

■ 5C5C5E

■ 5D5C67

# Harmonies

## Analogous

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



755115



585C14



326329

# Triad

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



585C14



006686



8B3C68

# Complementary

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



585C14



18145C

# 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.



714885



585C14



006097

# Square

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



585C14



00686A



3E5596



933B47

# Rectangle

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



585C14



00663D



3E5596



853F72



# Sweetspot

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



585C14



76785C



5C1814



3C3D2C



BDBDBD



3D3D3D



# Same Dimension

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



585C14



727807



345C14



2E2E29



686E00



E0ED00



# Inverse Universe

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



18145C



0D0778



3C145C



2A292E



06006E



0D00ED



# Previews

## White Background



This preview shows how the Hex color 585C14 looks on a white background.

## Color Contrast Check

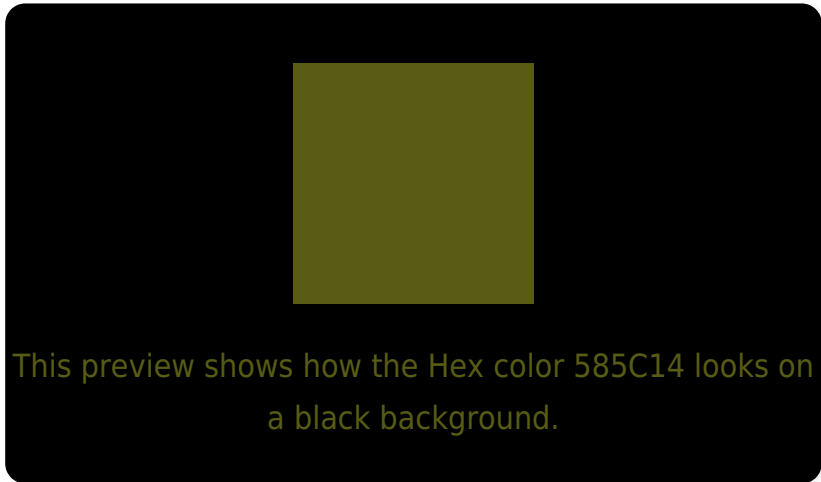
Large Text (above 18pt) WCAG AA ✓ Pass

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

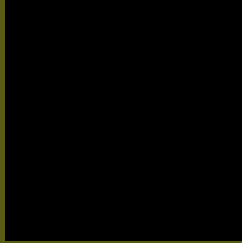
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 585C14 Background



This preview shows how black text looks on a background with the Hex color 585C14.



This preview shows how white text looks on a background with the Hex color 585C14.

# 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](#).

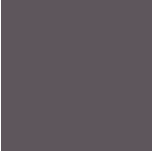
## Dichromacy



**Original Color**  
585C14

**Protanopia**  
635813

**Deuteranopia**  
6F5418



**Tritanopia**  
5E565C

# Trichromacy



**Original Color**  
585C14

**Protanomaly**  
5F5913

**Deuteranomaly**  
675717

**Tritanomaly**  
5C5842

# Monochromacy



**Original Color**  
585C14

**Achromatopsia**  
535353

**Achromatomaly**  
55563C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585C14 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 #585C14 looks like.

```
.text, #text, p{  
    color:#585C14  
}
```

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 #585C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585C14
}
```

## Border

The CSS property to change the border of an element to Hex 585C14 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
#585C14 }
```

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

```
.border{ border-color:#585C14 }
```

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

Here you see how a box with a 4 pixel #585C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585C14; -webkit-box-shadow:4px 4px  
4px 4px #585C14; box-shadow:4px 4px 4px  
4px #585C14 }
```

# Background

The CSS property to change the background color of an element to Hex 585C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585C14 }
```

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

```
.background{ background-color:#585C14 }
```

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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