

Converting Colors

Hex(585A12)

Have a look what the booklet for
Hex(585A12) contains.

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Color

Hex(585A12)

Conversions

Conversions Part 1

Format	Color
Hex	585A12
RGB	88, 90, 18
RGB Percent	35%, 35%, 7%
CMY	0.6549, 0.6471, 0.9294
CMYK	0.02, 0.00, 0.80, 0.65
HSL	62°, 67%, 21%
HSV	62°, 80%, 35%
XYZ	7.7898, 9.4307, 1.9820
YIQ	81.1940, 21.9200, -22.8160

Conversions

Conversions Part 2

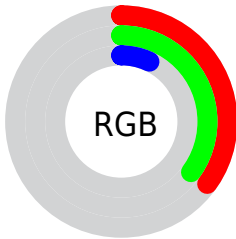
Format	Color
R_{YB}	18, 90, 20
Decimal	5790226
CIE _{Lab}	36.80, -10.40, 38.42
CIE _{LCh}	37, 39.808, 105.148
Yxy	9.4307, 0.4057, 0.4911
Android (android.graphics.Color)	4283980306 (0xFF585A12)
YUV	81.1940, -31.1546, 5.9689
Hunter-Lab	30.7095, -8.4627, 17.6700

Details

The Hex color **585A12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14125A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8C8C43**, and **272D00** is the 20% darker color. If you saturate the color by 10%, you get **585A09**, and if you desaturate by 10%, it is **585A1B**.

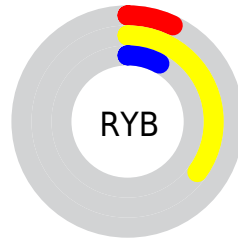
Distribution



Red (35%)

Green (35%)

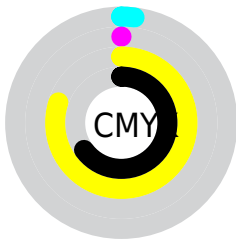
Blue (7%)



Red (7%)

Yellow (35%)

Blue (8%)

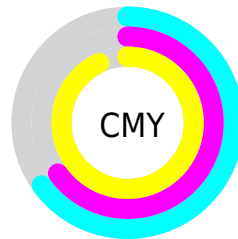


Cyan (2%)

Magenta (0%)

Yellow (80%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585A12 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 585A12 by changing the saturation by 10% instead.

 585A12

 585A12

FFFFFF

 3F4300

 8C8C43

 272D00

 A7A65C

 0B1900

 C3C175

 000000

 E0DD90

 FDFAAB

 FFFFC6

 FFFF E2

 585A12

 585A12

■ 585A09

■ 585A1B

■ 585A00

■ 595A24

■ 595A2D

■ 595A36

■ 595A3F

■ 5A5A48

■ 5A5A51

■ 5A5A5A

■ 5A5A63

Harmonies

Analogous

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



754F15



585A12



336127

Triad

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



585A12



006483



893B68

Complementary

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



585A12



14125A

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.



6D4784



585A12



005F94

Square

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



585A12



006666



385595



913948

Rectangle

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



585A12



00643A



385595



823E72

Sweetspot

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



585A12



757559



5A1312



3A3B2A



BABABA



3B3B3B

Same Dimension

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



585A12



727505



355A12



2E2E29



6B6E00



E7ED00

Inverse Universe

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



14125A



080575



37125A



29292E



03006E



0700ED

Previews

White Background



This preview shows how the Hex color 585A12 looks on a white background.

Color Contrast Check

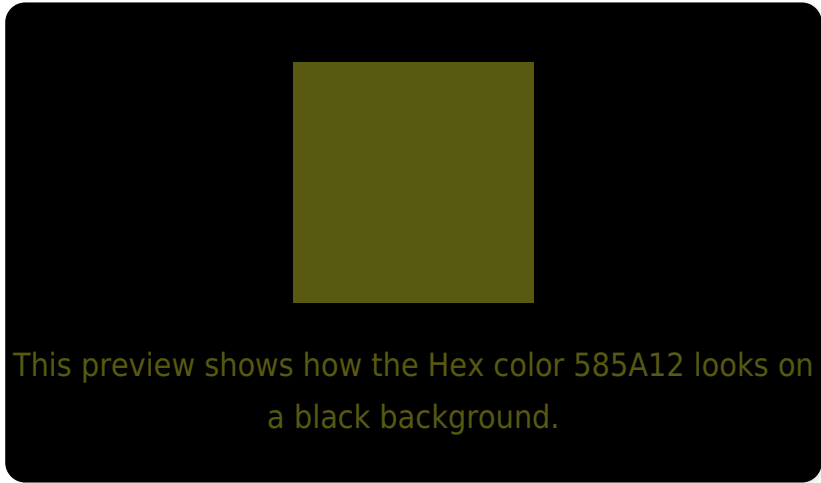
Large Text (above 18pt) WCAG AA ✓ Pass

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 585A12 Background



This preview shows how black text looks on a background with the Hex color 585A12.



This preview shows how white text looks on a background with the Hex color 585A12.

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](#).

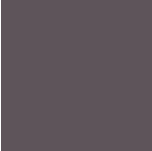
Dichromacy



Original Color
585A12

Protanopia
625711

Deuteranopia
6D5216



Tritanopia
5E545A

Trichromacy



Original Color
585A12

Protanomaly
5E5811

Deuteranomaly
655515

Tritanomaly
5C5640

Monochromacy



Original Color
585A12

Achromatopsia
515151

Achromatomaly
54543A

CSS Examples

Text

The CSS property to change the color of the text to Hex 585A12 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 #585A12 looks like.

```
.text, #text, p{  
    color:#585A12  
}
```

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 #585A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585A12
}
```

Border

The CSS property to change the border of an element to Hex 585A12 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
#585A12 }
```

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

```
.border{ border-color:#585A12 }
```

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

Here you see how a box with a 4 pixel #585A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585A12; -webkit-box-shadow:4px 4px  
4px 4px #585A12; box-shadow:4px 4px 4px  
4px #585A12 }
```

Background

The CSS property to change the background color of an element to Hex 585A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585A12 }
```

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

```
.background{ background-color:#585A12 }
```

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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