

Converting Colors

Hex(584B13)

Have a look what the booklet for
Hex(584B13) contains.

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Color

Hex(584B13)

Conversions

Conversions Part 1	
Format	Color
Hex	584B13
RGB	88, 75, 19
RGB Percent	35%, 29%, 7%
CMY	0.6549, 0.7059, 0.9255
CMYK	0.00, 0.15, 0.78, 0.65
HSL	49°, 64%, 21%
HSV	49°, 78%, 35%
XYZ	6.6581, 7.1539, 1.6460
YIQ	72.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

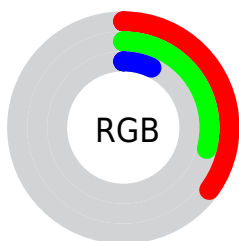
Format	Color
RYB	35, 88, 19
Decimal	5786387
CIELab	32.15, -1.45, 33.57
CIELCh	32, 33.604, 92.472
Yxy	7.1539, 0.4307, 0.4628
Android (android.graphics.Color)	4283976467 (0xFF584B13)
YUV	72.5030, -26.3770, 13.5909
Hunter-Lab	26.7467, -2.3724, 15.0740

Details

The Hex color **584B13** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **132058**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8C7B42**, and **272000** is the 20% darker color. If you saturate the color by 10%, you get **58490A**, and if you desaturate by 10%, it is **584D1C**.

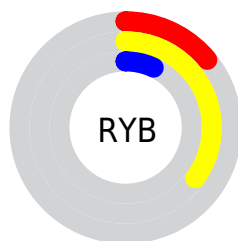
Distribution



Red (35%)

Green (29%)

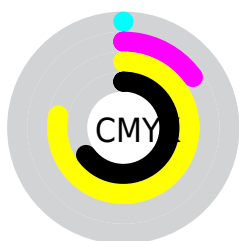
Blue (7%)



Red (14%)

Yellow (35%)

Blue (7%)

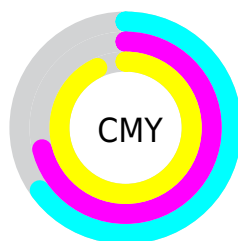


Cyan (0%)

Magenta (15%)

Yellow (78%)

Black (65%)



Cyan (65%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584B13 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 584B13 by changing the saturation by 10% instead.

 584B13

 584B13

FFFFFFC

 3F3500

 8C7B42

 272000

 A8955A

 080900

 C4B073

 000000

 E0CB8D

 FDE7A8

 FFFFC3

 FFFFEO

 584B13

 584B13

 58490A

 584D1C

 584801

 584E25

 584700

 58502D

 585236

 58533F

 585548

 585751

 585859

 585A62

Harmonies

Analogous

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



6D411C



584B13



3D521C

Triad

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



584B13



005867



6E3965

Complementary

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



584B13



132058

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.



504478



584B13



00557A

Square

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



584B13



00594D



154E80



7B344B

Rectangle

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



584B13



26562A



154E80



653C6C

Sweetspot

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



584B13



736E57



581321



3B372A



BABABA



3B3B3B

Same Dimension

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



584B13



735E07



435813



2B2B27



6B5700



EBBE00

Inverse Universe

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



132058



071B73



281358



27282B



00146B



002CEB

Previews

White Background



This preview shows how the Hex color 584B13 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



This preview shows how the Hex color 584B13 looks on a 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 584B13 Background



This preview shows how black text looks on a background with the Hex color 584B13.



This preview shows how white text looks on a background with the Hex color 584B13.

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

584B13

Protanopia

554C13

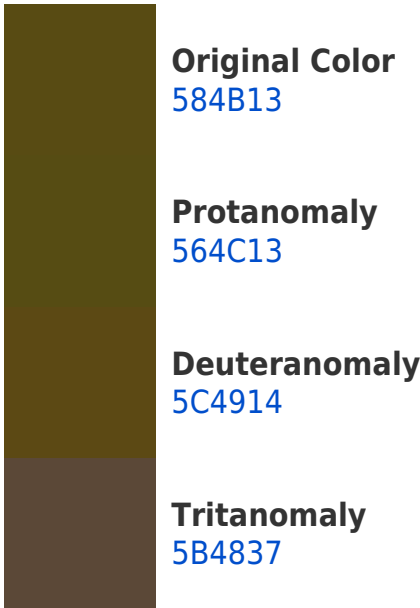
Deuteranopia

5F4814

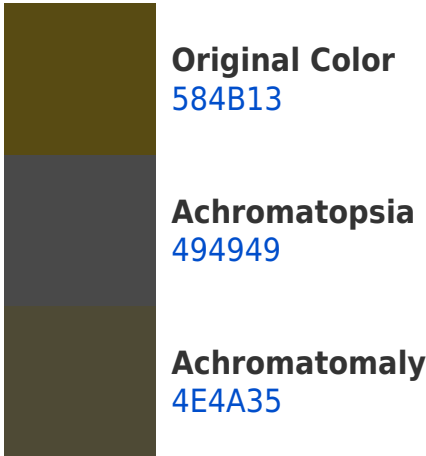


Tritanopia
5C464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 584B13 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 #584B13 looks like.

```
.text, #text, p{  
    color:#584B13  
}
```

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 #584B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584B13
}
```

Border

The CSS property to change the border of an element to Hex 584B13 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
#584B13 }
```

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

```
.border{ border-color:#584B13 }
```

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

Here you see how a box with a 4 pixel #584B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584B13; -webkit-box-shadow:4px 4px  
4px 4px #584B13; box-shadow:4px 4px 4px  
4px #584B13 }
```

Background

The CSS property to change the background color of an element to Hex 584B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584B13 }
```

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

```
.background{ background-color:#584B13 }
```

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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