

Converting Colors

Hex(583B10)

Have a look what the booklet for
Hex(583B10) contains.

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Color

Hex(583B10)

Conversions

Conversions Part 1

Format	Color
Hex	583B10
RGB	88, 59, 16
RGB Percent	35%, 23%, 6%
CMY	0.6549, 0.7686, 0.9373
CMYK	0.00, 0.33, 0.82, 0.65
HSL	36°, 69%, 20%
HSV	36°, 82%, 35%
XYZ	5.6820, 5.2400, 1.2022
YIQ	62.7690, 31.0870, -7.2250

Conversions

Conversions Part 2

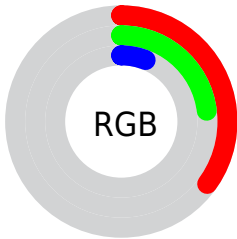
Format	Color
RYB	65, 88, 16
Decimal	5782288
CIELab	27.41, 8.40, 30.31
CIELCh	27, 31.450, 74.506
Yxy	5.2400, 0.4686, 0.4322
Android (android.graphics.Color)	4283972368 (0xFF583B10)
YUV	62.7690, -23.0571, 22.1276
Hunter-Lab	22.8911, 4.2474, 12.9101

Details

The Hex color **583B10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **102D58**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8D6A3D**, and **261100** is the 20% darker color. If you saturate the color by 10%, you get **583707**, and if you desaturate by 10%, it is **583F19**.

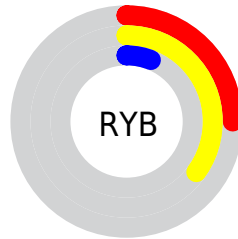
Distribution



Red (35%)

Green (23%)

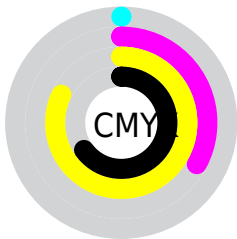
Blue (6%)



Red (25%)

Yellow (35%)

Blue (6%)

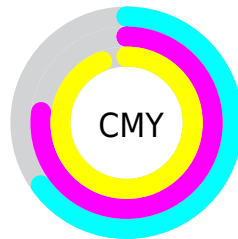


Cyan (0%)

Magenta (33%)

Yellow (82%)

Black (65%)



Cyan (65%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583B10 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 583B10 by changing the saturation by 10% instead.

 583B10

 583B10

 FFFFF6

 402500

 8D6A3D

 261100

 A98355

 000000

 C59D6E

 E1B888

 FFD4A2

 FFF0BD

 FFFFD9

 583B10

 583B10

■ 583707

■ 583F19

■ 583500

■ 584222

■ 58462A

■ 584933

■ 584D3C

■ 585045

■ 58544E

■ 585756

■ 585B5F

Harmonies

Analogous

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



673220



583B10



43430E

Triad

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



583B10



004C4C



513563

Complementary

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



583B10



102D58

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.



2A3F6F



583B10



004B62

Square

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



583B10



004C33



00476F



662D4E

Rectangle

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



583B10



314716



00476F



463969

Sweetspot

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



583B10



736756



58102E



3B3429



BABABA



3B3B3B

Same Dimension

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



583B10



734502



525810



2B2A27



6B4000



EB8C00

Inverse Universe

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



102D58



023073



161058



27292B



002B6B



005EEB

Previews

White Background



This preview shows how the Hex color 583B10 looks on a white background.

Color Contrast Check

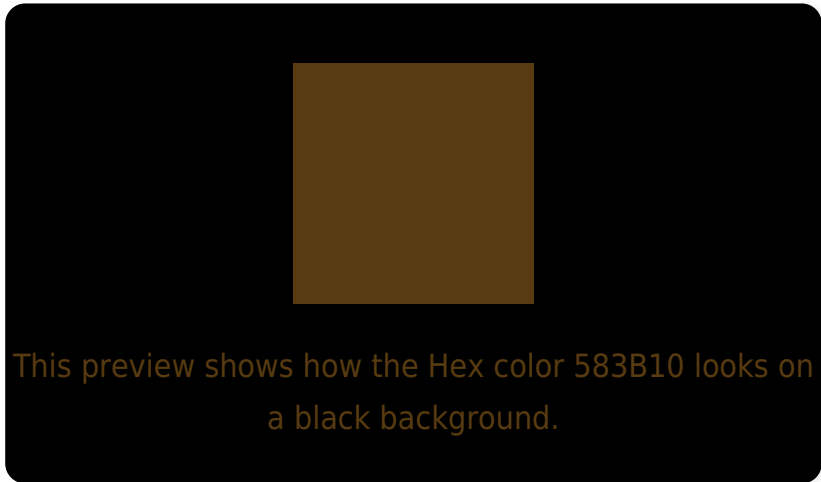
Large Text (above 18pt) WCAG AA ✓ Pass

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

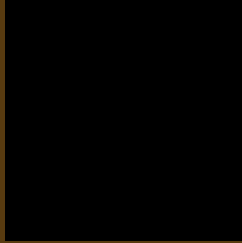
Any Text WCAG AA × Fail

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 583B10 Background



This preview shows how black text looks on a background with the Hex color 583B10.



This preview shows how white text looks on a background with the Hex color 583B10.

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
583B10

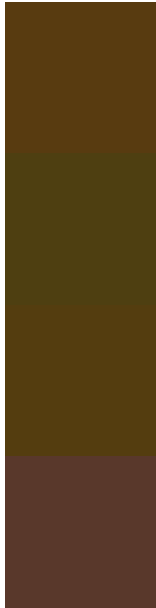
Protanopia
494112

Deuteranopia
523E0F



Tritanopia
5A373B

Trichromacy



Original Color
583B10

Protanomaly
4E3F11

Deuteranomaly
543D0F

Tritanomaly
59382B

Monochromacy



Original Color
583B10

Achromatopsia
3F3F3F

Achromatomaly
483E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 583B10 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 #583B10 looks like.

```
.text, #text, p{  
    color:#583B10  
}
```

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 #583B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583B10
}
```

Border

The CSS property to change the border of an element to Hex 583B10 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
#583B10 }
```

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

```
.border{ border-color:#583B10 }
```

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

Here you see how a box with a 4 pixel #583B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583B10; -webkit-box-shadow:4px 4px  
4px 4px #583B10; box-shadow:4px 4px 4px  
4px #583B10 }
```

Background

The CSS property to change the background color of an element to Hex 583B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583B10 }
```

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

```
.background{ background-color:#583B10 }
```

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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