

Converting Colors

Hex(573B0D)

Have a look what the booklet for
Hex(573B0D) contains.

Hex(573B0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(573B0D)

Conversions

Conversions Part 1

Format	Color
Hex	573B0D
RGB	87, 59, 13
RGB Percent	34%, 23%, 5%
CMY	0.6588, 0.7686, 0.9490
CMYK	0.00, 0.32, 0.85, 0.66
HSL	37°, 74%, 20%
HSV	37°, 85%, 34%
XYZ	5.5671, 5.1832, 1.0878
YIQ	62.1280, 31.4540, -8.3700

Conversions

Conversions Part 2

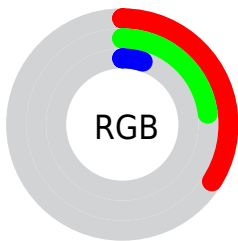
Format	Color
RYB	58, 87, 13
Decimal	5716749
CIELab	27.25, 7.75, 31.49
CIElCh	27, 32.435, 76.170
Yxy	5.1832, 0.4703, 0.4378
Android (android.graphics.Color)	4283906829 (0xFF573B0D)
YUV	62.1280, -24.2201, 21.8127
Hunter-Lab	22.7667, 3.8065, 13.1038

Details

The Hex color **573B0D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D2957**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8C6A3B**, and **251100** is the 20% darker color. If you saturate the color by 10%, you get **573804**, and if you desaturate by 10%, it is **573E16**.

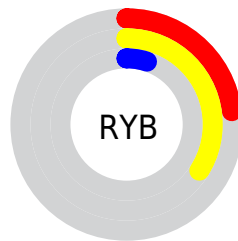
Distribution



Red (34%)

Green (23%)

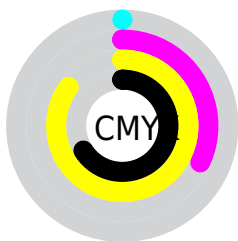
Blue (5%)



Red (23%)

Yellow (34%)

Blue (5%)

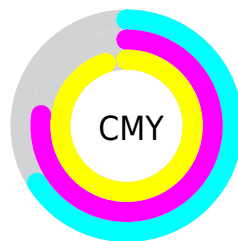


Cyan (0%)

Magenta (32%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573B0D 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 573B0D by changing the saturation by 10% instead.

 573B0D

 573B0D

 FFFFF3

 3E2500

 8C6A3B

 251100

 A88353

 000000

 C49D6B

 E1B885

 FED49F

 FFF0BA

 FFFFD6

 573B0D

 573B0D

■ 573804

■ 573E16

■ 573600

■ 57421E

■ 574527

■ 574830

■ 574B39

■ 574F41

■ 57524A

■ 575553

■ 57595B

Harmonies

Analogous

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



67311D



573B0D



41430C

Triad

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



573B0D



004C4D



533463

Complementary

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



573B0D



0D2957

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.



2B3E70



573B0D



004B64

Square

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



573B0D



004C34



004670



682B4D

Rectangle

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



573B0D



2F4715



004670



483869

Sweetspot

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



573B0D



706553



570D29



383227



B8B8B8



383838

Same Dimension

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



573B0D



704600



4E570D



2B2A27



6B4300



EB9200

Inverse Universe

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



0D2957



002A70



160D57



27292B



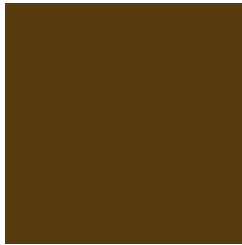
00296B



0059EB

Previews

White Background



This preview shows how the Hex color 573B0D looks on a white background.

Color Contrast Check

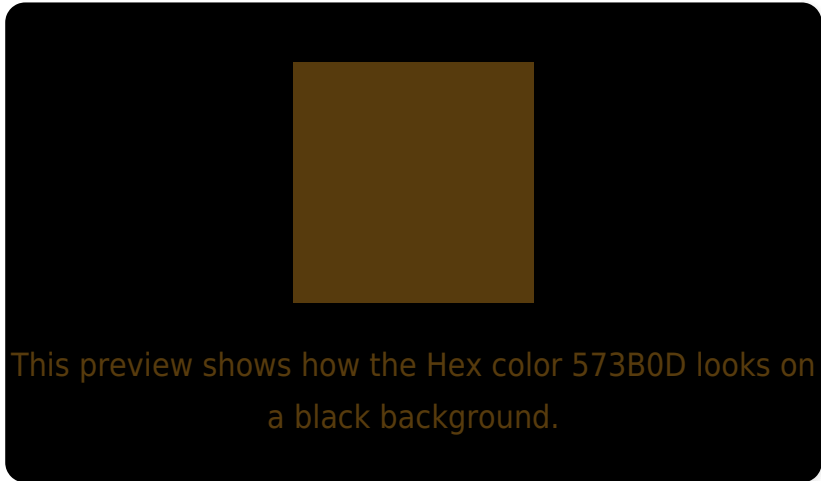
Large Text (above 18pt) WCAG AA ✓ Pass

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

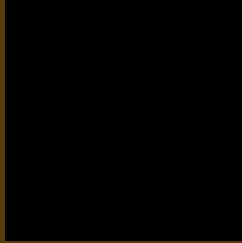
Any Text WCAG AA × Fail

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 573B0D Background



This preview shows how black text looks on a background with the Hex color 573B0D.



This preview shows how white text looks on a background with the Hex color 573B0D.

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
573B0D

Protanopia
49410F

Deuteranopia
523D0B



Tritanopia
59373B

Trichromacy



Original Color

573B0D

Protanomaly

4E3F0E

Deuteranomaly

543C0C

Tritanomaly

58382A

Monochromacy



Original Color

573B0D

Achromatopsia

3E3E3E

Achromatomaly

473D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 573B0D 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 #573B0D looks like.

```
.text, #text, p{  
    color:#573B0D  
}
```

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 #573B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573B0D
}
```

Border

The CSS property to change the border of an element to Hex 573B0D 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
#573B0D }
```

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

```
.border{ border-color:#573B0D }
```

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

Here you see how a box with a 4 pixel #573B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573B0D; -webkit-box-shadow:4px 4px  
4px 4px #573B0D; box-shadow:4px 4px 4px  
4px #573B0D }
```

Background

The CSS property to change the background color of an element to Hex 573B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573B0D }
```

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

```
.background{ background-color:#573B0D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor