

Converting Colors

Hex(553B0B)

Have a look what the booklet for
Hex(553B0B) contains.

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Color

Hex(553B0B)

Conversions

Conversions Part 1

Format	Color
Hex	553B0B
RGB	85, 59, 11
RGB Percent	33%, 23%, 4%
CMY	0.6667, 0.7686, 0.9569
CMYK	0.00, 0.31, 0.87, 0.67
HSL	39°, 77%, 19%
HSV	39°, 87%, 33%
XYZ	5.3707, 5.0834, 1.0147
YIQ	61.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

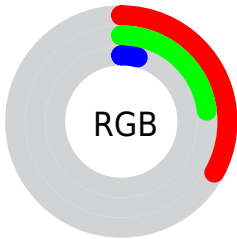
Format	Color
R_{YB}	51, 85, 11
Decimal	5585675
CIE Lab	26.97, 6.65, 32.00
CIE LCh	27, 32.683, 78.265
Yxy	5.0834, 0.4683, 0.4432
Android (android.graphics.Color)	4283775755 (0xFF553B0B)
YUV	61.3020, -24.7989, 20.7831
Hunter-Lab	22.5464, 3.0636, 13.1140

Details

The Hex color **553B0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B2555**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8A6A39**, and **231100** is the 20% darker color. If you saturate the color by 10%, you get **553803**, and if you desaturate by 10%, it is **553E14**.

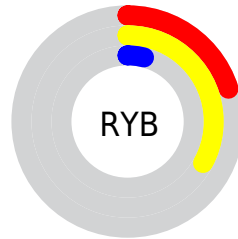
Distribution



Red (33%)

Green (23%)

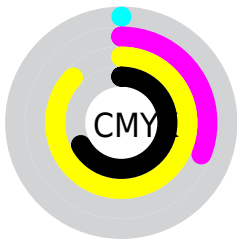
Blue (4%)



Red (20%)

Yellow (33%)

Blue (4%)

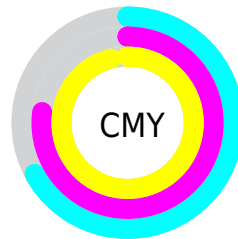


Cyan (0%)

Magenta (31%)

Yellow (87%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553B0B 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 553B0B by changing the saturation by 10% instead.

 553B0B

 553B0B

 FFFFFF1

 3C2500

 8A6A39

 231100

 A58351

 000000

 C19D6A

 DEB883

 FBD49D

 FFF0B9

 FFFFD4

 553B0B

 553B0B

■ 553803

■ 553E14

■ 553700

■ 55411C

■ 554425

■ 55472D

■ 554A35

■ 554D3E

■ 555047

■ 55534F

■ 555657

Harmonies

Analogous

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



66311B



553B0B



3E430B

Triad

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



553B0B



004C4F



543261

Complementary

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



553B0B



0B2555

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.



2E3D6F



553B0B



004A65

Square

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



553B0B



004B35



004571



682A4B

Rectangle

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



553B0B



2C4716



004571



4A3667

Sweetspot

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



553B0B



6E6451



550B26



383227



B8B8B8



383838

Same Dimension

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



553B0B



6E4700



4B550B



2B2A27



6B4500



EB9800

Inverse Universe

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



0B2555



00276E



150B55



27292B



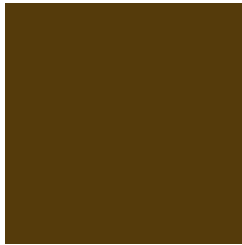
00266B



0052EB

Previews

White Background



This preview shows how the Hex color 553B0B looks on a white background.

Color Contrast Check

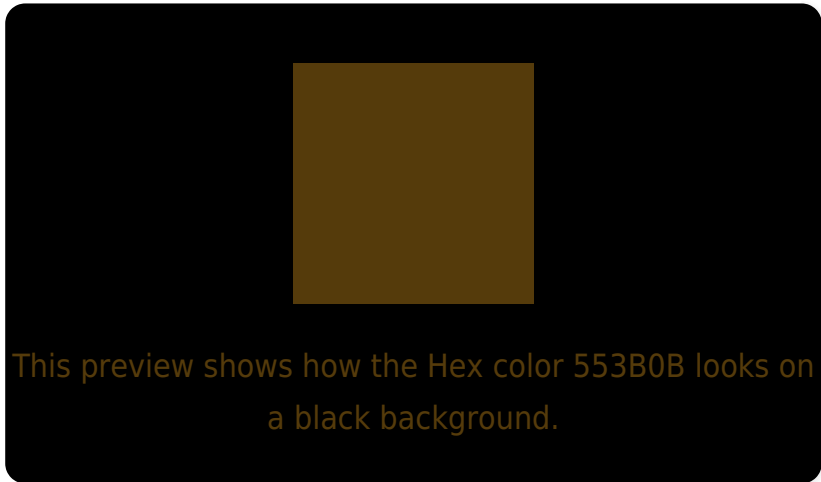
Large Text (above 18pt) WCAG AA ✓ Pass

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

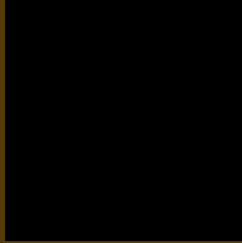
Any Text WCAG AA × Fail

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 553B0B Background



This preview shows how black text looks on a background with the Hex color 553B0B.



This preview shows how white text looks on a background with the Hex color 553B0B.

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
553B0B

Protanopia
48400C

Deuteranopia
513D0A



Tritanopia
58373B

Trichromacy



Original Color
553B0B

Protanomaly
4D3E0C

Deuteranomaly
523C0A

Tritanomaly
57382A

Monochromacy



Original Color
553B0B

Achromatopsia
3D3D3D

Achromatomaly
463C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 553B0B 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 #553B0B looks like.

```
.text, #text, p{  
    color:#553B0B  
}
```

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 #553B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553B0B
}
```

Border

The CSS property to change the border of an element to Hex 553B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

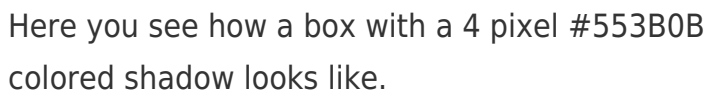
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553B0B }
```

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

```
.border{ border-color:#553B0B }
```

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



Here you see how a box with a 4 pixel #553B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553B0B; -webkit-box-shadow:4px 4px  
4px 4px #553B0B; box-shadow:4px 4px 4px  
4px #553B0B }
```

Background

The CSS property to change the background color of an element to Hex 553B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553B0B }
```

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

```
.background{ background-color:#553B0B }
```

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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