

Converting Colors

Hex(533B10)

Have a look what the booklet for
Hex(533B10) contains.

Hex(533B10)	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(533B10)

Conversions

Conversions Part 1

Format	Color
Hex	533B10
RGB	83, 59, 16
RGB Percent	33%, 23%, 6%
CMY	0.6745, 0.7686, 0.9373
CMYK	0.00, 0.29, 0.81, 0.67
HSL	39°, 68%, 19%
HSV	39°, 81%, 33%
XYZ	5.2248, 5.0043, 1.1808
YIQ	61.2740, 28.1070, -8.2850

Conversions

Conversions Part 2

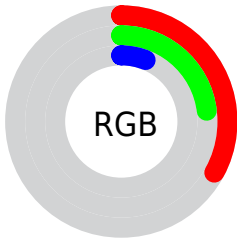
Format	Color
R_{YB}	53, 83, 16
Decimal	5454608
CIE _{Lab}	26.75, 5.86, 29.43
CIE _{LCh}	27, 30.010, 78.742
Yxy	5.0043, 0.4579, 0.4386
Android (android.graphics.Color)	4283644688 (0xFF533B10)
YUV	61.2740, -22.3201, 19.0537
Hunter-Lab	22.3704, 2.5418, 12.5298

Details

The Hex color **533B10** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **102853**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **876A3D**, and **221100** is the 20% darker color. If you saturate the color by 10%, you get **533808**, and if you desaturate by 10%, it is **533E18**.

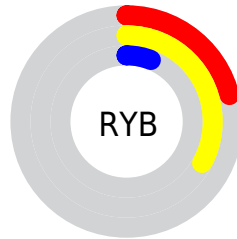
Distribution



Red (33%)

Green (23%)

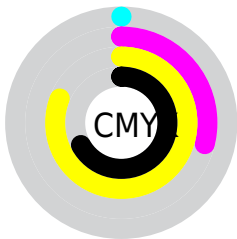
Blue (6%)



Red (21%)

Yellow (33%)

Blue (6%)

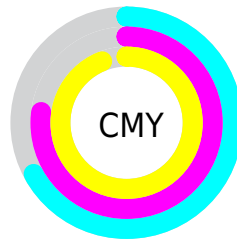


Cyan (0%)

Magenta (29%)

Yellow (81%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533B10 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 533B10 by changing the saturation by 10% instead.

 533B10

 533B10

 FFFFF6

 3B2500

 876A3D

 221100

 A38355

 000000

 BE9D6E

 DBB887

 F8D4A2

 FFF0BD

 FFFFD9

 533B10

 533B10

■ 533808

■ 533E18

■ 533500

■ 534121

■ 534429

■ 534731

■ 534A39

■ 534D42

■ 53504A

■ 535352

■ 53565B

Harmonies

Analogous

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



62321D



533B10



3E4211

Triad

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



533B10



004A4D



53335E

Complementary

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



533B10



102853

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.



313D6B



533B10



004961

Square

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



533B10



004A36



00446C



652C49

Rectangle

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



533B10



2D4619



00446C



493663

Sweetspot

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



533B10



6B6251



531029



363026



B5B5B5



363636

Same Dimension

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



533B10



6B4603



4A5310



292725



694300



E89500

Inverse Universe

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



102853



03286B



191053



252629



002569



0053E8

Previews

White Background



This preview shows how the Hex color 533B10 looks on a white background.

Color Contrast Check

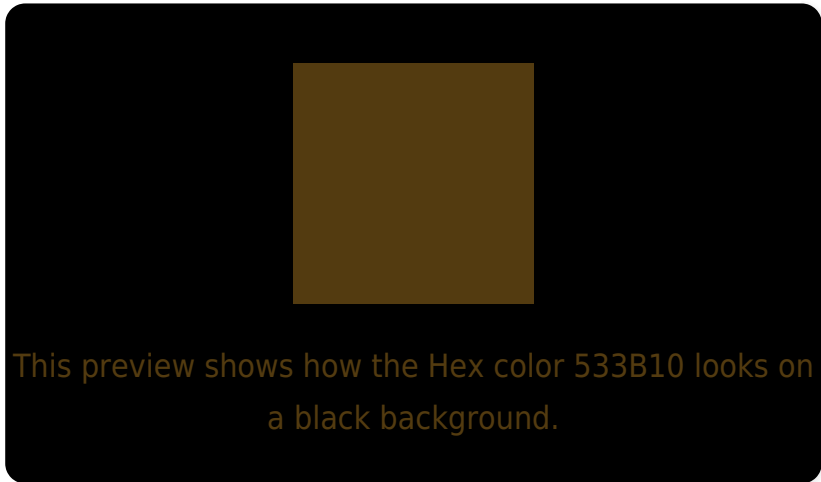
Large Text (above 18pt) WCAG AA ✓ Pass

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

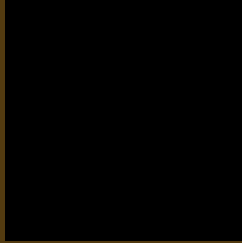
Any Text WCAG AA × Fail

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 533B10 Background



This preview shows how black text looks on a background with the Hex color 533B10.



This preview shows how white text looks on a background with the Hex color 533B10.

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
533B10

Protanopia
474011

Deuteranopia
503C0F



Tritanopia
56373B

Trichromacy



Original Color
533B10

Protanomaly
4B3E11

Deuteranomaly
513C0F

Tritanomaly
55382B

Monochromacy



Original Color
533B10

Achromatopsia
3D3D3D

Achromatomaly
453C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 533B10 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 #533B10 looks like.

```
.text, #text, p{  
    color:#533B10  
}
```

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 #533B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533B10
}
```

Border

The CSS property to change the border of an element to Hex 533B10 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
#533B10 }
```

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

```
.border{ border-color:#533B10 }
```

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

Here you see how a box with a 4 pixel #533B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533B10; -webkit-box-shadow:4px 4px  
4px 4px #533B10; box-shadow:4px 4px 4px  
4px #533B10 }
```

Background

The CSS property to change the background color of an element to Hex 533B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533B10 }
```

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

```
.background{ background-color:#533B10 }
```

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