

Converting Colors

Hex(531B0B)

Have a look what the booklet for
Hex(531B0B) contains.

Hex(531B0B)	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(531B0B)

Conversions

Conversions Part 1

Format	Color
Hex	531B0B
RGB	83, 27, 11
RGB Percent	33%, 11%, 4%
CMY	0.6745, 0.8941, 0.9569
CMYK	0.00, 0.67, 0.87, 0.67
HSL	13°, 77%, 18%
HSV	13°, 87%, 33%
XYZ	4.0196, 2.6470, 0.6157
YIQ	41.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

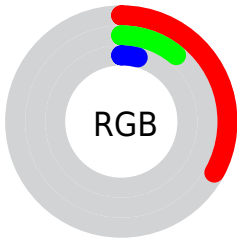
Format	Color
R_{YB}	83, 32, 11
Decimal	5446411
CIE Lab	18.57, 25.19, 23.21
CIE LCh	19, 34.254, 42.662
Yxy	2.6470, 0.5520, 0.3635
Android (android.graphics.Color)	4283636491 (0xFF531B0B)
YUV	41.9200, -15.2436, 36.0272
Hunter-Lab	16.2697, 15.6286, 9.1451

Details


The Hex color **531B0B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0B4353**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **894936**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **531503**, and if you desaturate by 10%, it is **532113**.

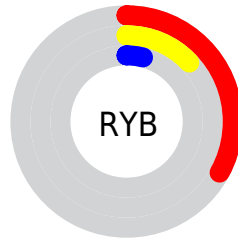
Distribution



 Red (33%)

 Green (11%)

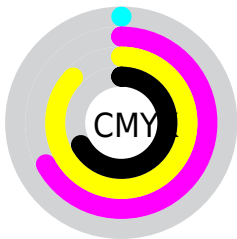
 Blue (4%)





 Red (33%)

 Yellow (13%)

 Blue (4%)

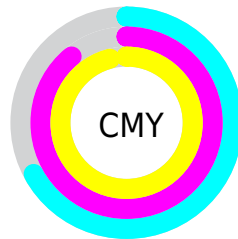


 Cyan (0%)

 Magenta (67%)

 Yellow (87%)

 Black (67%)



 Cyan (67%)

 Magenta (89%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 531B0B 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 531B0B by changing the saturation by 10% instead.

 531B0B

 531B0B

 FFFFEB

 390400

 894936

 210001

 A5624D

 000000

 C27B66

 DF957F

 FDB099

 FFCCB4

 FFE8CF

 531B0B

 531B0B

■ 531503

■ 532113

■ 531200

■ 53281C

■ 532E24

■ 53352C

■ 533B35

■ 53423D

■ 534845

■ 534F4D

■ 535556

Harmonies

Analogous

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



591124



531B0B



452700

Triad

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



531B0B



00371D



002D5E

Complementary

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



531B0B



0B4353

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.



00345D



531B0B



003837

Square

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



531B0B



123502



00384E



3B2152

Rectangle

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



531B0B



372D00



00384E



00305F

Sweetspot

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



531B0B



6B554F



530B43



362925



B5B5B5



363636

Same Dimension

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



531B0B



6B1800



533F0B



292625



691700



E83400

Inverse Universe

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



0B4353



00536B



0B1F53



252829



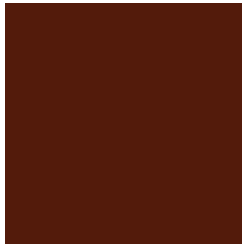
005169



00B4E8

Previews

White Background



This preview shows how the Hex color 531B0B looks on a white background.

Color Contrast Check

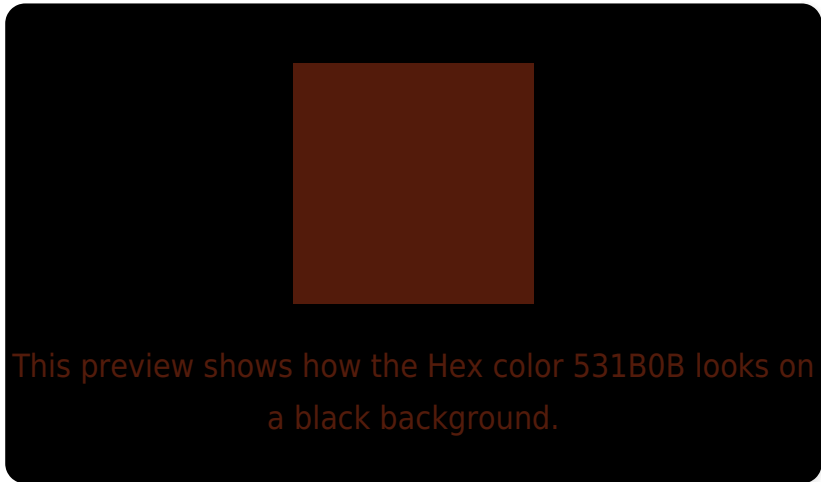
Large Text (above 18pt) WCAG AA ✓ Pass

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

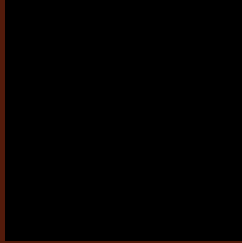
Any Text WCAG AA × Fail

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 531B0B Background



This preview shows how black text looks on a background with the Hex color 531B0B.

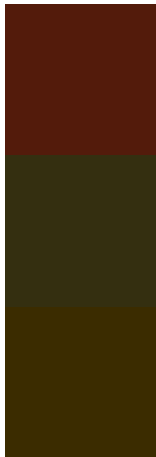


This preview shows how white text looks on a background with the Hex color 531B0B.

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
531B0B

Protanopia
342F10

Deuteranopia
3B2C00



Tritanopia
53191B

Trichromacy



Original Color
531B0B

Protanomaly
3F280E

Deuteranomaly
442604

Tritanomaly
531A15

Monochromacy



Original Color
531B0B

Achromatopsia
2A2A2A

Achromatomaly
39251F

CSS Examples

Text

The CSS property to change the color of the text to Hex 531B0B 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 #531B0B looks like.

```
.text, #text, p{  
    color:#531B0B  
}
```

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 #531B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #531B0B
}
```

Border

The CSS property to change the border of an element to Hex 531B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

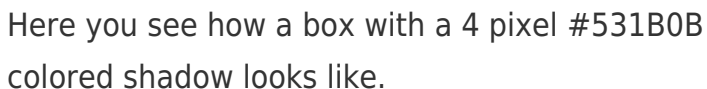
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#531B0B }
```

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

```
.border{ border-color:#531B0B }
```

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



Here you see how a box with a 4 pixel #531B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #531B0B; -webkit-box-shadow:4px 4px  
4px 4px #531B0B; box-shadow:4px 4px 4px  
4px #531B0B }
```

Background

The CSS property to change the background color of an element to Hex 531B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#531B0B }
```

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

```
.background{ background-color:#531B0B }
```

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