

Converting Colors

Hex(653B31)

Have a look what the booklet for
Hex(653B31) contains.

Hex(653B31)	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(653B31)

Conversions

Conversions Part 1

Format	Color
Hex	653B31
RGB	101, 59, 49
RGB Percent	40%, 23%, 19%
CMY	0.6039, 0.7686, 0.8078
CMYK	0.00, 0.42, 0.51, 0.60
HSL	12°, 35%, 29%
HSV	12°, 51%, 40%
XYZ	7.4852, 6.1164, 3.6918
YIQ	70.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

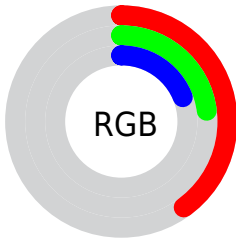
Format	Color
RYB	101, 61, 49
Decimal	6634289
CIELab	29.70, 17.32, 14.07
CIElCh	30, 22.311, 39.090
Yxy	6.1164, 0.4328, 0.3537
Android (android.graphics.Color)	4284824369 (0xFF653B31)
YUV	70.4180, -10.5591, 26.8204
Hunter-Lab	24.7313, 10.7449, 8.4613

Details

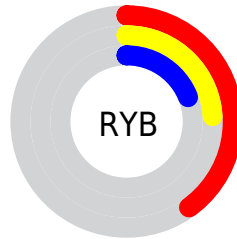
The Hex color **653B31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315B65**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9A6B5F**, and **341002** is the 20% darker color. If you saturate the color by 10%, you get **653327**, and if you desaturate by 10%, it is **65433B**.

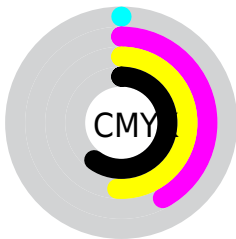
Distribution



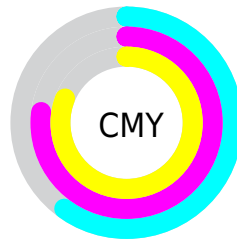
- Red (40%)
- Green (23%)
- Blue (19%)



- Red (40%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653B31 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 653B31 by changing the saturation by 10% instead.

 653B31

 653B31

FFFFFF

 4C251C

 9A6B5F

 341002

 B68478

 1E0001

 D29E92

 000000

 EFB9AC

 FFD5C8

 FFF2E4

 653B31

 653B31

 653327

 65433B

■ 652B1D

■ 654B45

■ 652313

■ 65534F

■ 651A09

■ 655C59

■ 651300

■ 656464

■ 656C6E

■ 657478

■ 657C82

■ 65848C

Harmonies

Analogous

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



673841



653B31



5B4126

Triad

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



653B31



234E39



354668

Complementary

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



653B31



315B65

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.



104B66



653B31



004F4B

Square

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



653B31



394B2A



004E5B



4F3F61

Rectangle

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



653B31



514523



004E5B



2A4868

Sweetspot

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



653B31



82726F



65315B



423936



C2C2C2



424242

Same Dimension

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



653B31



824131



655531



332F2E



731600



F22F00

Inverse Universe

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



315B65



317382



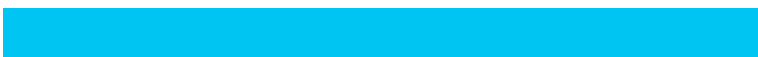
314165



2E3233



005D73



00C4F2

Previews

White Background



This preview shows how the Hex color 653B31 looks on a white background.

Color Contrast Check

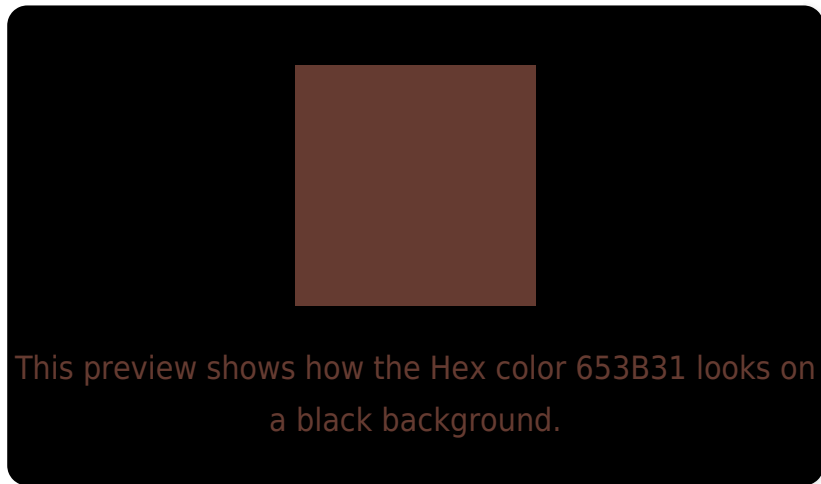
Large Text (above 18pt) WCAG AA ✓ Pass

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 653B31 Background



This preview shows how black text looks on a background with the Hex color 653B31.

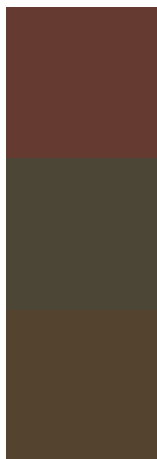


This preview shows how white text looks on a background with the Hex color 653B31.

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
653B31

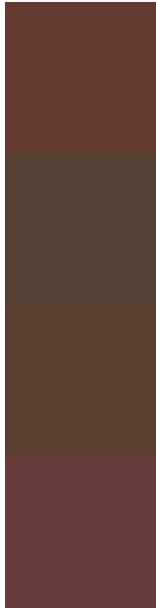
Protanopia
4B4636

Deuteranopia
54432F



Tritanopia
66393D

Trichromacy



Original Color
653B31

Protanomaly
544234

Deuteranomaly
5A4030

Tritanomaly
663A39

Monochromacy



Original Color
653B31

Achromatopsia
464646

Achromatomaly
51423E

CSS Examples

Text

The CSS property to change the color of the text to Hex 653B31 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 #653B31 looks like.

```
.text, #text, p{  
    color:#653B31  
}
```

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 #653B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653B31
}
```

Border

The CSS property to change the border of an element to Hex 653B31 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".

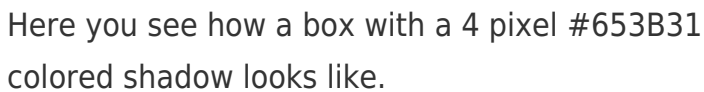
```
.border, #border, table{ border:4px solid
#653B31 }
```

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

```
.border{ border-color:#653B31 }
```

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

Here you see how a box with a 4 pixel #653B31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653B31; -webkit-box-shadow:4px 4px  
4px 4px #653B31; box-shadow:4px 4px 4px  
4px #653B31 }
```

Background

The CSS property to change the background color of an element to Hex 653B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653B31 }
```

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

```
.background{ background-color:#653B31 }
```

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