

Converting Colors

Hex(653C31)

Have a look what the booklet for
Hex(653C31) contains.

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Color

Hex(653C31)

Conversions

Conversions Part 1

Format	Color
Hex	653C31
RGB	101, 60, 49
RGB Percent	40%, 24%, 19%
CMY	0.6039, 0.7647, 0.8078
CMYK	0.00, 0.41, 0.51, 0.60
HSL	13°, 35%, 29%
HSV	13°, 51%, 40%
XYZ	7.5371, 6.2202, 3.7091
YIQ	71.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

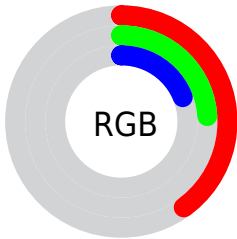
Format	Color
R_{YB}	101, 63, 49
Decimal	6634545
CIE Lab	29.96, 16.70, 14.41
CIE LCh	30, 22.060, 40.786
Yxy	6.2202, 0.4315, 0.3561
Android (android.graphics.Color)	4284824625 (0xFF653C31)
YUV	71.0050, -10.8485, 26.3056
Hunter-Lab	24.9403, 10.2981, 8.6406

Details

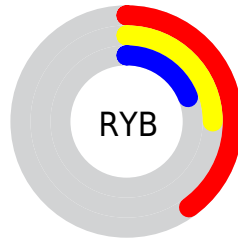
The Hex color **653C31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315A65**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9A6C5F**, and **341102** is the 20% darker color. If you saturate the color by 10%, you get **653427**, and if you desaturate by 10%, it is **65443B**.

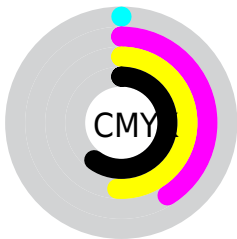
Distribution



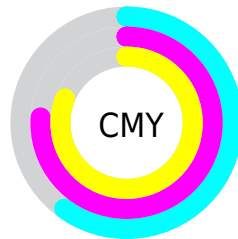
- Red (40%)
- Green (24%)
- Blue (19%)



- Red (40%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653C31 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 653C31 by changing the saturation by 10% instead.

 653C31

 653C31

FFFFFF

 4C261C

 9A6C5F

 341102

 B68578

 1E0001

 D2A092

 000000

 EFBBAC

 FFD6C8

 FFF3E4

 653C31

 653C31

 653427

 65443B

■ 652C1D

■ 654C45

■ 652413

■ 65544F

■ 651C09

■ 655C59

■ 651500

■ 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.



683941



653C31



5B4226

Triad

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



653C31



224F3B



374668

Complementary

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



653C31



315A65

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.



154B67



653C31



01504C

Square

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



653C31



394C2C



004F5C



504061

Rectangle

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



653C31



514624



004F5C



2D4869

Sweetspot

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



653C31



82736F



65315B



423936



C2C2C2



424242

Same Dimension

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



653C31



824231



655531



332F2E



731800



F23300

Inverse Universe

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



315A65



317182



314165



2E3233



005A73



00BFF2

Previews

White Background



This preview shows how the Hex color 653C31 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

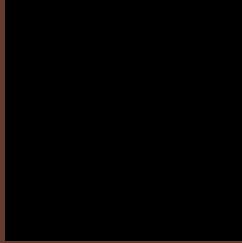
Any Text WCAG AA × Fail

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 653C31 Background



This preview shows how black text looks on a background with the Hex color 653C31.

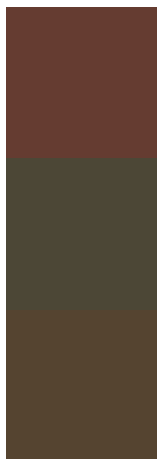


This preview shows how white text looks on a background with the Hex color 653C31.

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
653C31

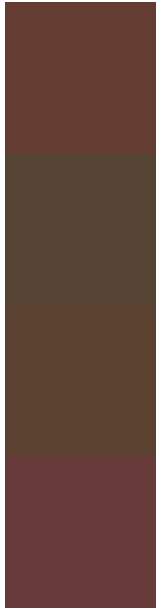
Protanopia
4C4736

Deuteranopia
554430



Tritanopia
663A3E

Trichromacy



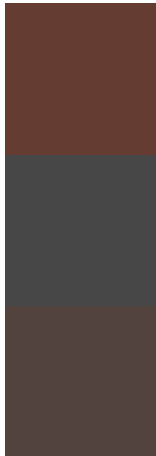
Original Color
653C31

Protanomaly
554334

Deuteranomaly
5B4130

Tritanomaly
663B39

Monochromacy



Original Color
653C31

Achromatopsia
474747

Achromatomaly
52433F

CSS Examples

Text

The CSS property to change the color of the text to Hex 653C31 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 #653C31 looks like.

```
.text, #text, p{  
    color:#653C31  
}
```

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 #653C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653C31
}
```

Border

The CSS property to change the border of an element to Hex 653C31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

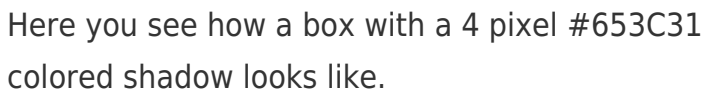
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653C31 }
```

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

```
.border{ border-color:#653C31 }
```

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



Here you see how a box with a 4 pixel #653C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653C31; -webkit-box-shadow:4px 4px  
4px 4px #653C31; box-shadow:4px 4px 4px  
4px #653C31 }
```

Background

The CSS property to change the background color of an element to Hex 653C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653C31 }
```

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

```
.background{ background-color:#653C31 }
```

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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