

Converting Colors

Hex(655731)

Have a look what the booklet for
Hex(655731) contains.

Hex(655731)	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(655731)

Conversions

Conversions Part 1

Format	Color
Hex	655731
RGB	101, 87, 49
RGB Percent	40%, 34%, 19%
CMY	0.6039, 0.6588, 0.8078
CMYK	0.00, 0.14, 0.51, 0.60
HSL	44°, 35%, 29%
HSV	44°, 51%, 40%
XYZ	9.3294, 9.8048, 4.3065
YIQ	86.8540, 20.5420, -8.8500

Conversions

Conversions Part 2

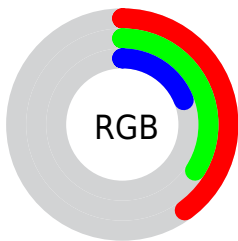
Format	Color
R_{YB}	68, 101, 49
Decimal	6641457
CIE Lab	37.49, 0.08, 24.08
CIE LCh	37, 24.081, 89.800
Yxy	9.8048, 0.3980, 0.4183
Android (android.graphics.Color)	4284831537 (0xFF655731)
YUV	86.8540, -18.6620, 12.4060
Hunter-Lab	31.3127, -1.6143, 13.7645

Details

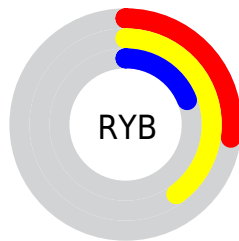
The Hex color **655731** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313F65**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **998960**, and **352A03** is the 20% darker color. If you saturate the color by 10%, you get **655427**, and if you desaturate by 10%, it is **655A3B**.

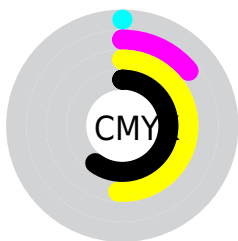
Distribution



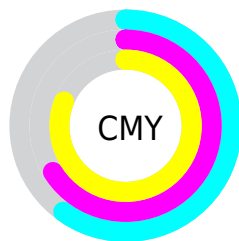
- Red (40%)
- Green (34%)
- Blue (19%)



- Red (27%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 655731 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 655731 by changing the saturation by 10% instead.



655731



655731

FFFFFF



4C401B



998960



352A03



B4A379



1E1600



D0BE93



000000



EDDAAE



FFF6C9



FFFFE5



655731



655731



655427



655A3B

■ 65521D

■ 655C45

■ 654F13

■ 655F4F

■ 654C09

■ 656259

■ 654A00

■ 656564

■ 65676E

■ 656A78

■ 656D82

■ 656F8C

Harmonies

Analogous

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



755037



655731



515D36

Triad

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



655731



00626B



714D6C

Complementary

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



655731



313F65

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.



5A537A



655731



165F79

Square

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



655731



1E6357



3B5A7F



7C4959

Rectangle

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



655731



42603E



3B5A7F



6A4F71

Sweetspot

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



655731



827D6F



653140



423F36



C2C2C2



424242

Same Dimension

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



655731



826C31



5A6531



33322E



735400



F2B100

Inverse Universe

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



313F65



314782



3C3165



2E2F33



001F73



0041F2

Previews

White Background



This preview shows how the Hex color 655731 looks on a white background.

Color Contrast Check

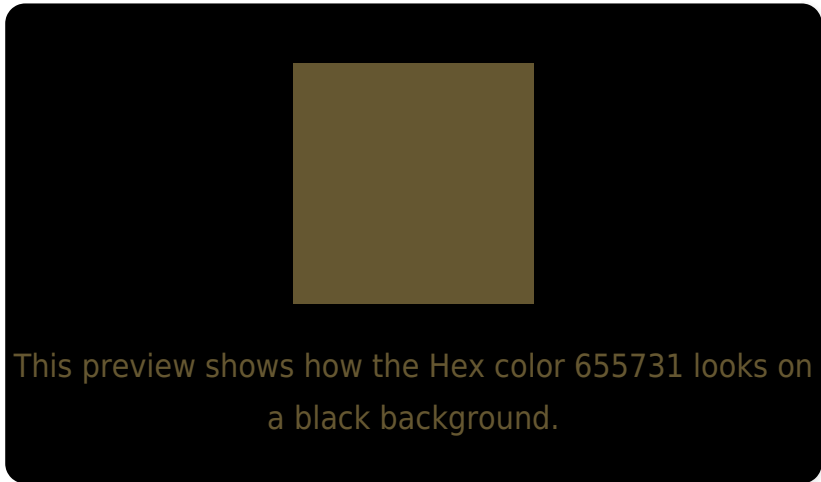
Large Text (above 18pt) WCAG AA ✓ Pass

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

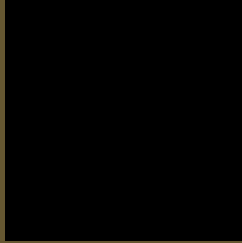
Any Text WCAG AA × Fail

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 655731 Background



This preview shows how black text looks on a background with the Hex color 655731.

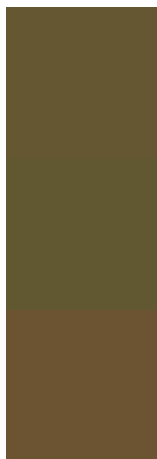


This preview shows how white text looks on a background with the Hex color 655731.

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
655731

Protanopia
615831

Deuteranopia
6C5432



Tritanopia
695259

Trichromacy



Original Color
655731

Protanomaly
625831

Deuteranomaly
695532

Tritanomaly
68544A

Monochromacy



Original Color
655731

Achromatopsia
575757

Achromatomaly
5C5749

CSS Examples

Text

The CSS property to change the color of the text to Hex 655731 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 #655731 looks like.

```
.text, #text, p{  
    color:#655731  
}
```

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 #655731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655731
}
```

Border

The CSS property to change the border of an element to Hex 655731 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
#655731 }
```

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

```
.border{ border-color:#655731 }
```

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

Here you see how a box with a 4 pixel #655731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655731; -webkit-box-shadow:4px 4px  
4px 4px #655731; box-shadow:4px 4px 4px  
4px #655731 }
```

Background

The CSS property to change the background color of an element to Hex 655731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655731 }
```

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

```
.background{ background-color:#655731 }
```

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