

Converting Colors

Hex(655007)

Have a look what the booklet for
Hex(655007) contains.

| | |
|--|----|
| Hex(655007) | 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(655007)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 655007 |
| RGB | 101, 80, 7 |
| RGB Percent | 40%, 31%, 3% |
| CMY | 0.6039, 0.6863, 0.9725 |
| CMYK | 0.00, 0.21, 0.93, 0.60 |
| HSL | 47°, 87%, 21% |
| HSV | 47°, 93%, 40% |
| XYZ | 8.2738, 8.5194, 1.4093 |
| YIQ | 77.9570, 35.9490, -18.2510 |

Conversions

Conversions Part 2

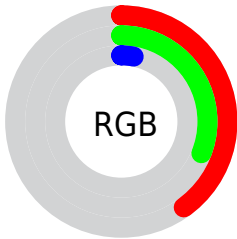
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 34, 101, 7 |
| Decimal | 6639623 |
| CIELab | 35.04, 1.59, 41.04 |
| CIELCh | 35, 41.075, 87.786 |
| Yxy | 8.5194, 0.4545, 0.4680 |
| Android (android.graphics.Color) | 4284829703 (0xFF655007) |
| YUV | 77.9570, -34.9818, 20.2087 |
| Hunter-Lab | 29.1879, -0.4799, 17.5688 |

Details

The Hex color **655007** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **071C65**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9B813B**, and **322400** is the 20% darker color. If you saturate the color by 10%, you get **654E00**, and if you desaturate by 10%, it is **655211**.

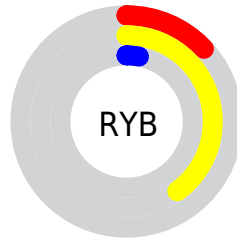
Distribution



Red (40%)

Green (31%)

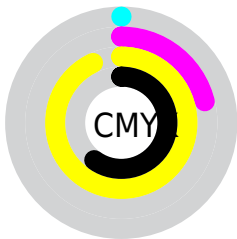
Blue (3%)



Red (13%)

Yellow (40%)

Blue (3%)

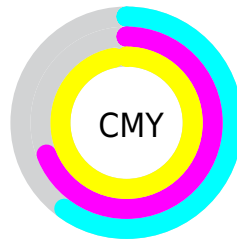


Cyan (0%)

Magenta (21%)

Yellow (93%)

Black (60%)



Cyan (60%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 655007 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 655007 by changing the saturation by 10% instead.

 655007

 655007

 FFFFF5

 4B3900

 9B813B

 322400

 B79B53

 190F00

 D4B66C

 000000

 F1D186

 FFEDA1

 FFFFBD

 FFFFD9

 655007

 655007

■ 654E00

■ 655211

■ 65551B

■ 655725

■ 65592F

■ 655B3A

■ 655E44

■ 65604E

■ 656258

■ 656462

Harmonies

Analogous

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



7E431A



655007



455912

Triad

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



655007



006270



783C76

Complementary

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



655007



071C65

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.



4E4B8D



655007



005E89

Square

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



655007



00624F



005794



8B3356

Rectangle

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



655007



295E23



005794



6C417F

Sweetspot

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



655007



827A5E



65071D



423D2C



C2C2C2



424242

Same Dimension

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



655007



826500



4C6507



33322E



735900



F2BC00

Inverse Universe

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



071C65



001D82



200765



2E2F33



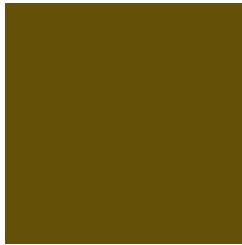
001A73



0036F2

Previews

White Background



This preview shows how the Hex color 655007 looks on a white background.

Color Contrast Check

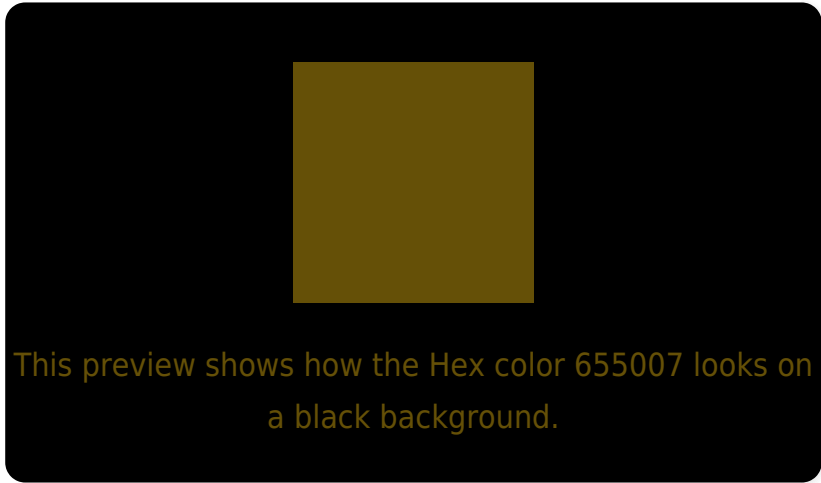
Large Text (above 18pt) WCAG AA ✓ Pass

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

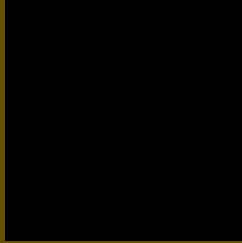
Any Text WCAG AA × Fail

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 655007 Background



This preview shows how black text looks on a background with the Hex color 655007.



This preview shows how white text looks on a background with the Hex color 655007.

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
655007

Protanopia
5D5308

Deuteranopia
694E09



Tritanopia
694A50

Trichromacy



Original Color
655007

Protanomaly
605208

Deuteranomaly
684F08

Tritanomaly
684C35

Monochromacy



Original Color
655007

Achromatopsia
4E4E4E

Achromatomaly
564F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 655007 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 #655007 looks like.

```
.text, #text, p{  
    color:#655007  
}
```

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 #655007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655007
}
```

Border

The CSS property to change the border of an element to Hex 655007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

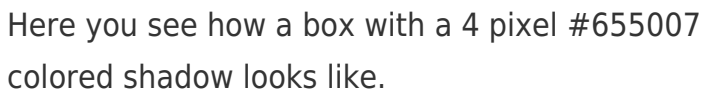
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#655007 }
```

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

```
.border{ border-color:#655007 }
```

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



Here you see how a box with a 4 pixel #655007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655007; -webkit-box-shadow:4px 4px  
4px 4px #655007; box-shadow:4px 4px 4px  
4px #655007 }
```

Background

The CSS property to change the background color of an element to Hex 655007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655007 }
```

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

```
.background{ background-color:#655007 }
```

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