

Converting Colors

Hex(665558)

Have a look what the booklet for
Hex(665558) contains.

Hex(665558)	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(665558)

Conversions

Conversions Part 1

Format	Color
Hex	665558
RGB	102, 85, 88
RGB Percent	40%, 33%, 35%
CMY	0.6000, 0.6667, 0.6549
CMYK	0.00, 0.17, 0.14, 0.60
HSL	349°, 9%, 37%
HSV	349°, 17%, 40%
XYZ	10.4894, 10.0264, 10.6149
YIQ	90.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

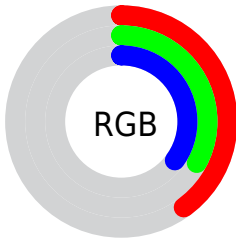
Format	Color
RYB	102, 85, 88
Decimal	6706520
CIELab	37.89, 7.55, 0.86
CIELCh	38, 7.599, 6.536
Yxy	10.0264, 0.3369, 0.3221
Android (android.graphics.Color)	4284896600 (0xFF665558)
YUV	90.4250, -1.1955, 10.1513
Hunter-Lab	31.6644, 3.7188, 2.2892

Details

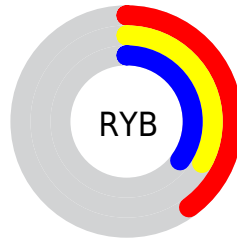
The Hex color **665558** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556663**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **99878A**, and **37282B** is the 20% darker color. If you saturate the color by 10%, you get **664B50**, and if you desaturate by 10%, it is **665F60**.

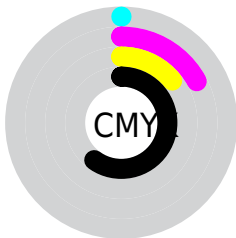
Distribution



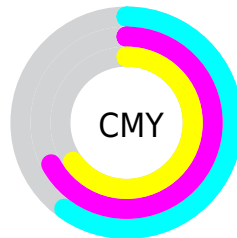
- Red (40%)
- Green (33%)
- Blue (35%)



- Red (40%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665558 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 665558 by changing the saturation by 10% instead.

665558

665558

FFFFFF

4E3E41

99878A

37282B

B4A1A4

211416

D0BCBF

000000

ECD8DB

FFF4F7

665558

665558

664B50

665F60

664147

666969

66363F

667471

662C36

667E7A

66222E

668882

661826

66928A

660E1D

669C93

660315

66A79B

660012

66B1A4

Harmonies

Analogous

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



62565E



665558



665652

Triad

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



665558



565B4F



4D5B64

Complementary

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



665558



556663

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.



4A5C60



665558



4F5C54

Square

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



665558



5D594D



4B5D5A



545965

Rectangle

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



665558



64574F



4B5D5A



4C5C63

Sweetspot

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



665558



857E7F



635566



423E3F



C2C2C2



424242

Same Dimension

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



665558



856A6F



665A55



332E2F



730014



F2002B

Inverse Universe

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



665558



856A6F



556166



332E2F



730014



F2002B

Previews

White Background



This preview shows how the Hex color 665558 looks on a white background.

Color Contrast Check

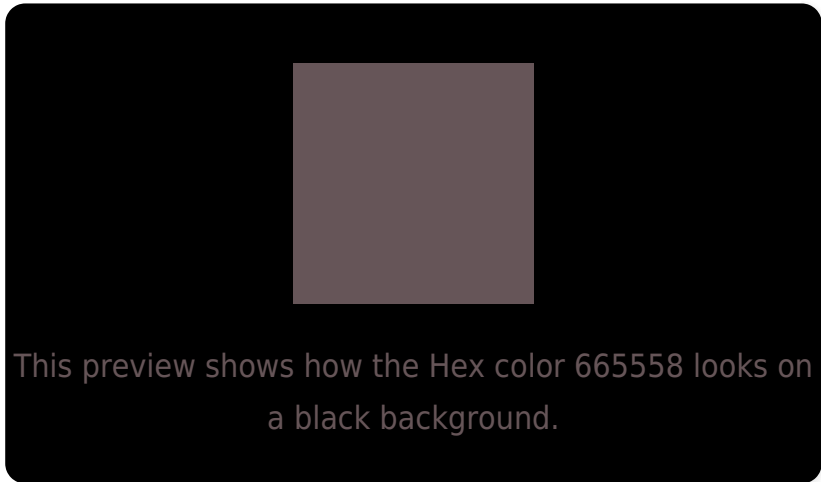
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

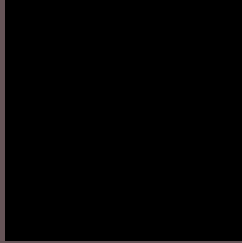
Any Text WCAG AA × Fail

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 665558 Background



This preview shows how black text looks on a background with the Hex color 665558.

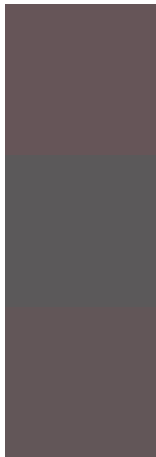


This preview shows how white text looks on a background with the Hex color 665558.

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
665558

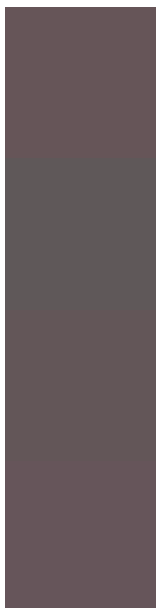
Protanopia
5B595A

Deuteranopia
625658



Tritanopia
66555B

Trichromacy



Original Color

665558

Protanomaly

5F5859

Deuteranomaly

635658

Tritanomaly

66555A

Monochromacy



Original Color

665558

Achromatopsia

5A5A5A

Achromatomaly

5E5859

CSS Examples

Text

The CSS property to change the color of the text to Hex 665558 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 #665558 looks like.

```
.text, #text, p{  
    color:#665558  
}
```

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 #665558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665558
}
```

Border

The CSS property to change the border of an element to Hex 665558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

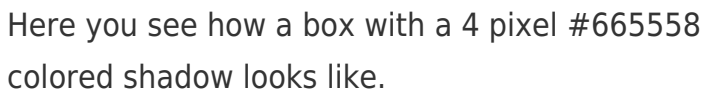
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665558 }
```

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

```
.border{ border-color:#665558 }
```

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



Here you see how a box with a 4 pixel #665558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665558; -webkit-box-shadow:4px 4px  
4px 4px #665558; box-shadow:4px 4px 4px  
4px #665558 }
```

Background

The CSS property to change the background color of an element to Hex 665558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665558 }
```

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

```
.background{ background-color:#665558 }
```

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