

Converting Colors

Hex(665566)

Have a look what the booklet for
Hex(665566) contains.

Hex(665566)	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(665566)

Conversions

Conversions Part 1

Format	Color
Hex	665566
RGB	102, 85, 102
RGB Percent	40%, 33%, 40%
CMY	0.6000, 0.6667, 0.6000
CMYK	0.00, 0.17, 0.00, 0.60
HSL	300°, 9%, 37%
HSV	300°, 17%, 40%
XYZ	11.1263, 10.2811, 13.9684
YIQ	92.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

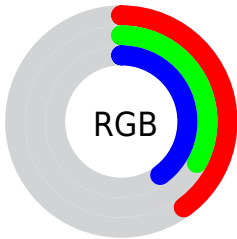
Format	Color
R_{YB}	102, 85, 102
Decimal	6706534
CIE _{Lab}	38.34, 10.36, -7.18
CIE _{LCh}	38, 12.600, 325.284
Yxy	10.2811, 0.3145, 0.2906
Android (android.graphics.Color)	4284896614 (0xFF665566)
YUV	92.0210, 4.9196, 8.7516
Hunter-Lab	32.0641, 5.8273, -3.3842

Details

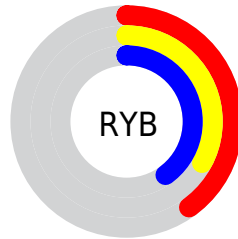
The Hex color **665566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556655**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **998799**, and **372837** is the 20% darker color. If you saturate the color by 10%, you get **664B66**, and if you desaturate by 10%, it is **665F66**.

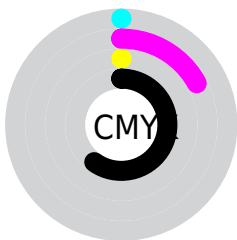
Distribution



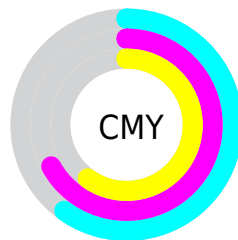
- Red (40%)
- Green (33%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 665566 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 665566 by changing the saturation by 10% instead.

665566

665566

FFFFFF

4E3E4E

998799

372837

B4A1B4

211322

D0BCCF

03000B

ECD8EB

000000

FFF4FF

665566

665566

664B66

665F66

664166

666966

663666

667466

662C66

667E66

662266

668866

661866

669266

660E66

669C66

660366

66A766

660066

66B166

Harmonies

Analogous

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



5A586D



665566



6E535C

Triad

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



665566



645946



3E6063

Complementary

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



665566



556655

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.



436058



665566



595C48

Square

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



665566



6C564A



4D5F4E



425E6B

Rectangle

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



665566



6F5355



4D5F4E



3F605F

Sweetspot

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



665566



857E85



555566



423E42



C2C2C2



424242

Same Dimension

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



665566



856A85



66555E



332E33



730073



F200F2

Inverse Universe

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



665566



856A85



55665E



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 665566 looks on a white background.

Color Contrast Check

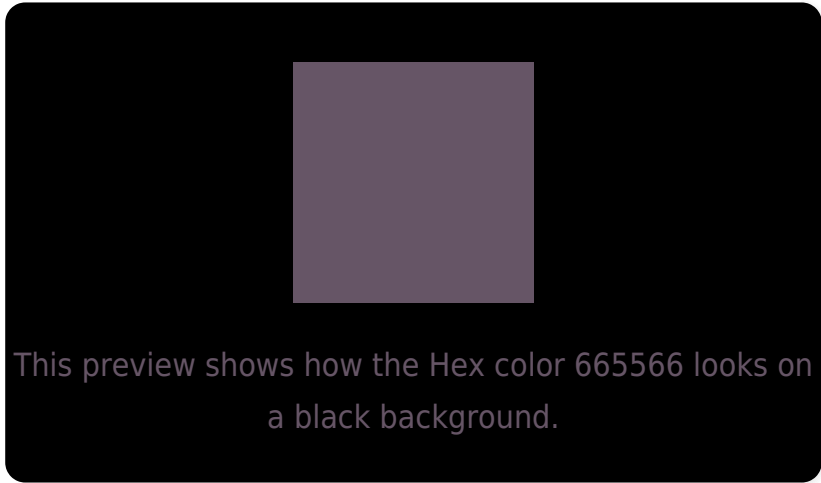
Large Text (above 18pt) WCAG AA ✓ Pass

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

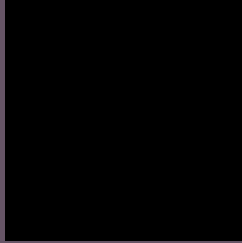
Any Text WCAG AA × Fail

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 665566 Background



This preview shows how black text looks on a background with the Hex color 665566.



This preview shows how white text looks on a background with the Hex color 665566.

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
665566

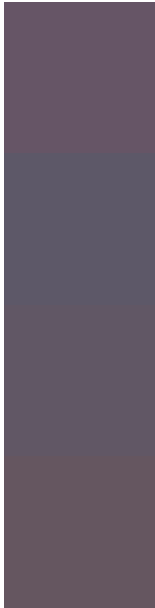
Protanopia
585A69

Deuteranopia
5E5865



Tritanopia
65575D

Trichromacy



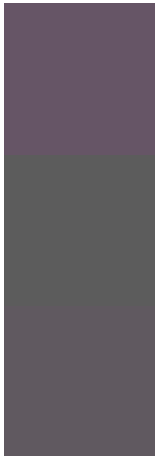
Original Color
665566

Protanomaly
5D5868

Deuteranomaly
615765

Tritanomaly
655660

Monochromacy



Original Color
665566

Achromatopsia
5C5C5C

Achromatomaly
605960

CSS Examples

Text

The CSS property to change the color of the text to Hex 665566 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 #665566 looks like.

```
.text, #text, p{  
    color:#665566  
}
```

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 #665566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665566
}
```

Border

The CSS property to change the border of an element to Hex 665566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

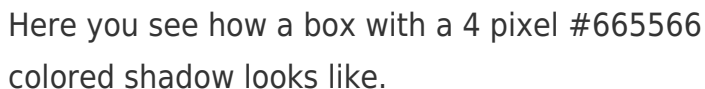
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665566 }
```

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

```
.border{ border-color:#665566 }
```

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



Here you see how a box with a 4 pixel #665566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665566; -webkit-box-shadow:4px 4px  
4px 4px #665566; box-shadow:4px 4px 4px  
4px #665566 }
```

Background

The CSS property to change the background color of an element to Hex 665566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665566 }
```

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

```
.background{ background-color:#665566 }
```

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