

# Converting Colors

Hex(663465)

Have a look what the booklet for  
Hex(663465) contains.

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# Color

**Hex(663465)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 663465                    |
| RGB           | 102, 52, 101              |
| RGB Percent   | 40%, 20%, 40%             |
| CMY           | 0.6000, 0.7961, 0.6039    |
| CMYK          | 0.00, 0.49, 0.01, 0.60    |
| HSL           | 301°, 32%, 30%            |
| HSV           | 301°, 49%, 40%            |
| XYZ           | 9.0564, 6.2203, 13.0352   |
| YIQ           | 72.5360, 14.0710, 25.8390 |

# Conversions

## Conversions Part 2

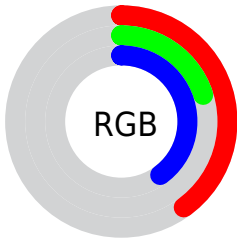
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 102, 52, 101                  |
| Decimal                             | 6698085                       |
| CIE <sub>Lab</sub>                  | 29.96, 30.26, -19.33          |
| CIE <sub>LCh</sub>                  | 30, 35.906, 327.435           |
| Yxy                                 | 6.2203, 0.3199,<br>0.2197     |
| Android<br>(android.graphics.Color) | 4284888165<br>(0xFF663465)    |
| YUV                                 | 72.5360, 14.0328,<br>25.8399  |
| Hunter-Lab                          | 24.9406, 21.1709,<br>-13.5295 |

# Details

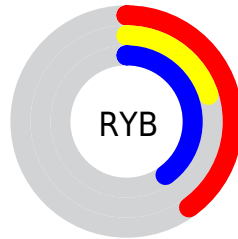
The Hex color **663465** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **346635**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9A6598**, and **350436** is the 20% darker color. If you saturate the color by 10%, you get **662A65**, and if you desaturate by 10%, it is **663E65**.

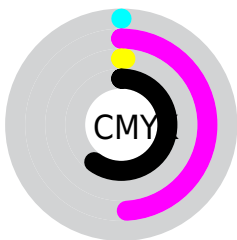
# Distribution



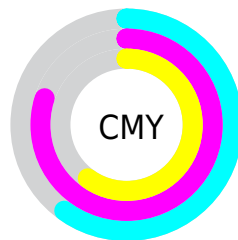
- Red (40%)
- Green (20%)
- Blue (40%)



- Red (40%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (1%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663465 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 663465 by changing the saturation by 10% instead.



663465

663465

FFFFFF

4D1D4D

9A6598

350436

B67EB3

230021

D298CF

000005

EEB3EB

000000

FFCFFF

FFECFF

663465

663465

662A65

663E65

662065

664865

661564

665366

660B64

665D66

660164

666766

660064

667166

667B66

668667

669067

# Harmonies

## Analogous

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



424078



663465



772C4A

# Triad

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



663465



574408



00545F

# Complementary

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



663465



346635

# 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.



005443



663465



3C4C10

# Square

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



663465



6C3917



135127



005175

# Rectangle

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



663465



792D37



135127



005456



# Sweetspot

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



663465



857184



353466



423642



C2C2C2



424242



# Same Dimension

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



663465



853683



66344C



332E33



730070



F200ED



# Inverse Universe

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



663465



853683



34664E



332E33



730070

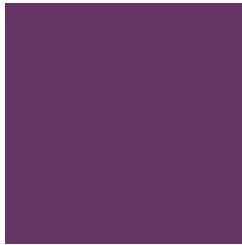


F200ED



# Previews

## White Background



This preview shows how the Hex color 663465 looks on a white background.

## Color Contrast Check

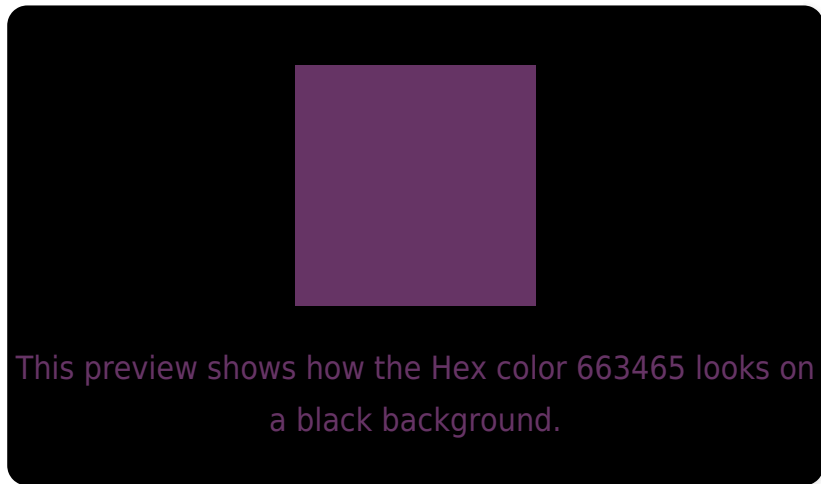
Large Text (above 18pt) WCAG AA ✓ Pass

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

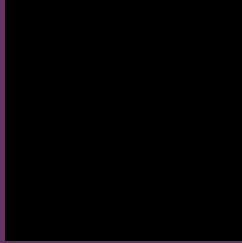
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 663465 Background



This preview shows how black text looks on a background with the Hex color 663465.



This preview shows how white text looks on a background with the Hex color 663465.

# 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**  
663465

**Protanopia**  
354674

**Deuteranopia**  
3F4662



**Tritanopia**  
623D41

# Trichromacy



**Original Color**

663465

**Protanomaly**

473F6F

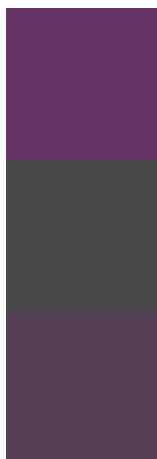
**Deuteranomaly**

4D3F63

**Tritanomaly**

633A4E

# Monochromacy



**Original Color**

663465

**Achromatopsia**

494949

**Achromatomaly**

544153

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663465 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 #663465 looks like.

```
.text, #text, p{  
    color:#663465  
}
```

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 #663465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663465
}
```

## Border

The CSS property to change the border of an element to Hex 663465 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
#663465 }
```

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

```
.border{ border-color:#663465 }
```

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

Here you see how a box with a 4 pixel #663465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663465; -webkit-box-shadow:4px 4px  
4px 4px #663465; box-shadow:4px 4px 4px  
4px #663465 }
```

# Background

The CSS property to change the background color of an element to Hex 663465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663465 }
```

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

```
.background{ background-color:#663465 }
```

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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