

Converting Colors

Hex(663C66)

Have a look what the booklet for
Hex(663C66) contains.

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Color

Hex(663C66)

Conversions

Conversions Part 1

Format	Color
Hex	663C66
RGB	102, 60, 102
RGB Percent	40%, 24%, 40%
CMY	0.6000, 0.7647, 0.6000
CMYK	0.00, 0.41, 0.00, 0.60
HSL	300°, 26%, 32%
HSV	300°, 41%, 40%
XYZ	9.4936, 7.0158, 13.4242
YIQ	77.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

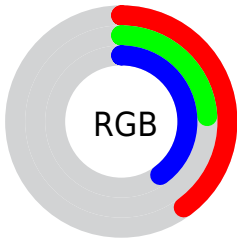
Format	Color
R_{YB}	102, 60, 102
Decimal	6700134
CIE Lab	31.84, 25.77, -17.05
CIE LCh	32, 30.902, 326.504
Yxy	7.0158, 0.3172, 0.2344
Android (android.graphics.Color)	4284890214 (0xFF663C66)
YUV	77.3460, 12.1544, 21.6216
Hunter-Lab	26.4874, 17.6252, -11.5079

Details

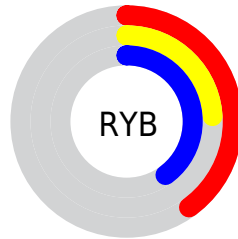
The Hex color **663C66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C663C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9A6D99**, and **360F37** is the 20% darker color. If you saturate the color by 10%, you get **663266**, and if you desaturate by 10%, it is **664666**.

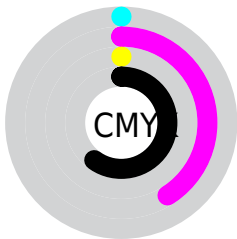
Distribution



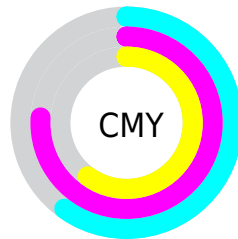
- Red (40%)
- Green (24%)
- Blue (40%)



- Red (40%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663C66 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 663C66 by changing the saturation by 10% instead.

 663C66

 663C66

FFFFFF

 4D254E

 9A6D99

 360F37

 B586B4

 220022

 D1A1D0

 000007

 EDBCEC

 000000

 FFD8FF

 FFF4FF

 663C66

 663C66

 663266

 664666

662866

665066

661D66

665B66

661366

666566

660966

666F66

660066

667966

668366

668E66

669866

Harmonies

Analogous

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



474676



663C66



76364F

Triad

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



663C66



5B4918



005760

Complementary

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



663C66



3C663C

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.



005747



663C66



43501D

Square

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



663C66



6D4023



24552F



005473

Rectangle

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



663C66



78363E



24552F



005758

Sweetspot

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



663C66



857585



3C3C66



423942



C2C2C2



424242

Same Dimension

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



663C66



854485



663C51



332E33



730073



F200F2

Inverse Universe

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



663C66



854485



3C6651



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 663C66 looks on a white background.

Color Contrast Check

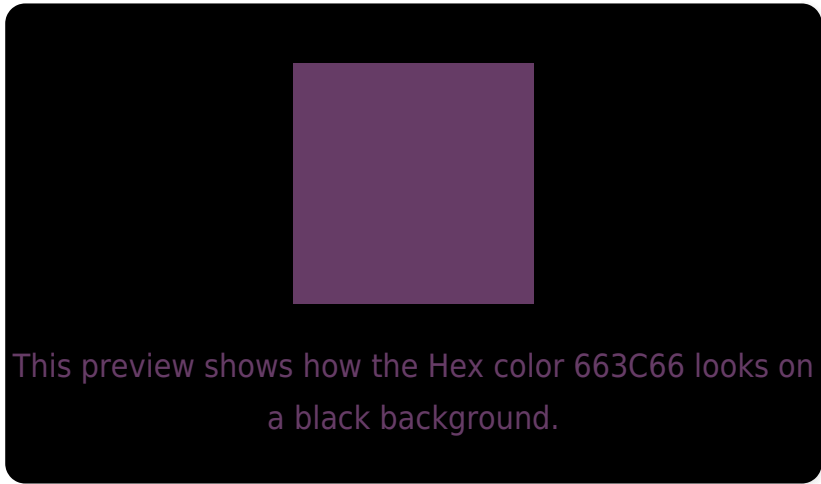
Large Text (above 18pt) WCAG AA ✓ Pass

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

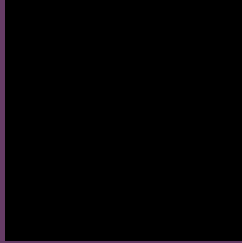
Any Text WCAG AA × Fail

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 663C66 Background



This preview shows how black text looks on a background with the Hex color 663C66.



This preview shows how white text looks on a background with the Hex color 663C66.

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
663C66

Protanopia
3E4A71

Deuteranopia
464A63



Tritanopia
624348

Trichromacy



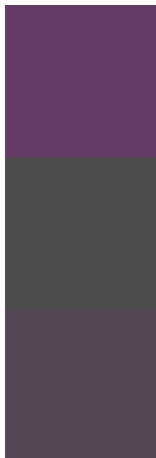
Original Color
663C66

Protanomaly
4D456D

Deuteranomaly
524564

Tritanomaly
634053

Monochromacy



Original Color
663C66

Achromatopsia
4D4D4D

Achromatomaly
564756

CSS Examples

Text

The CSS property to change the color of the text to Hex 663C66 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 #663C66 looks like.

```
.text, #text, p{  
    color:#663C66  
}
```

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 #663C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663C66
}
```

Border

The CSS property to change the border of an element to Hex 663C66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

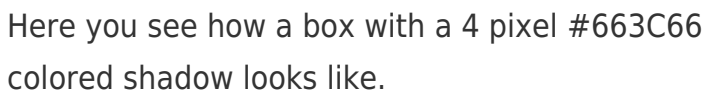
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663C66 }
```

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

```
.border{ border-color:#663C66 }
```

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



Here you see how a box with a 4 pixel #663C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663C66; -webkit-box-shadow:4px 4px  
4px 4px #663C66; box-shadow:4px 4px 4px  
4px #663C66 }
```

Background

The CSS property to change the background color of an element to Hex 663C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663C66 }
```

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

```
.background{ background-color:#663C66 }
```

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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