

Converting Colors

Hex(663E74)

Have a look what the booklet for
Hex(663E74) contains.

Hex(663E74)	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(663E74)

Conversions

Conversions Part 1

Format	Color
Hex	663E74
RGB	102, 62, 116
RGB Percent	40%, 24%, 45%
CMY	0.6000, 0.7569, 0.5451
CMYK	0.12, 0.47, 0.00, 0.55
HSL	284°, 30%, 35%
HSV	284°, 47%, 45%
XYZ	10.3545, 7.5310, 17.4309
YIQ	80.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

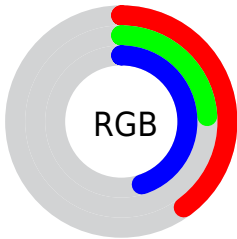
Format	Color
R_{YB}	102, 62, 116
Decimal	6700660
CIE _{Lab}	32.99, 27.65, -24.14
CIE _{LCh}	33, 36.704, 318.882
Yxy	7.5310, 0.2932, 0.2132
Android (android.graphics.Color)	4284890740 (0xFF663E74)
YUV	80.1160, 17.6908, 19.1923
Hunter-Lab	27.4426, 19.3260, -18.4497

Details

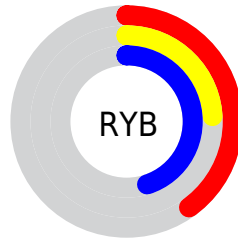
The Hex color **663E74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4C743E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9A6FA8**, and **351143** is the 20% darker color. If you saturate the color by 10%, you get **633274**, and if you desaturate by 10%, it is **694A74**.

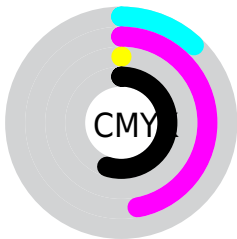
Distribution



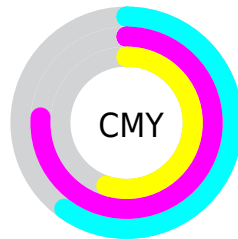
- Red (40%)
- Green (24%)
- Blue (45%)



- Red (40%)
- Yellow (24%)
- Blue (45%)



- Cyan (12%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663E74 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 663E74 by changing the saturation by 10% instead.

■ 663E74

■ 663E74

FFFFFF

■ 4D275B

■ 9A6FA8

■ 351143

■ B588C4

■ 20002D

■ D1A3E0

■ 000118

■ EEBEFC

■ 000000

■ FFDAFF

■ FFF7FF

■ 663E74

■ 663E74

■ 633274

■ 694A74

602774

6C5574

5D1B74

6F6174

5A1074

726C74

570474

757874

560074

788474

7B8F74

7E9B74

81A674

Harmonies

Analogous

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



3A4A85



663E74



7D345A

Triad

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



663E74



664811



005C5F

Complementary

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



663E74



4C743E

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.



005B41



663E74



4B5211

Square

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



663E74



793D23



285825



005979

Rectangle

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



663E74



823246



285825



005C56

Sweetspot

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



663E74



918196



3E4C74



493F4D



CCCCCC



4D4D4D

Same Dimension

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



663E74



814296



743E67



39353B



5B007A



B900FA

Inverse Universe

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



743E4C



964258



3E744B



3B3536



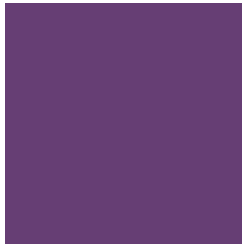
7A0020



FA0041

Previews

White Background



This preview shows how the Hex color 663E74 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

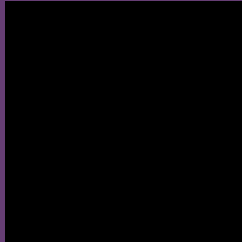
Any Text WCAG AA × Fail

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 663E74 Background



This preview shows how black text looks on a background with the Hex color 663E74.




This preview shows how white text looks on a background with the Hex color 663E74.

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





Tritanopia
60474D

Trichromacy



Original Color
663E74

Protanomaly
49477C

Deuteranomaly
4E4872

Tritanomaly
62445B

Monochromacy



Original Color
663E74

Achromatopsia
505050

Achromatomaly
58495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 663E74 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 #663E74 looks like.

```
.text, #text, p{  
    color:#663E74  
}
```

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 #663E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E74  
}
```

Border

The CSS property to change the border of an element to Hex 663E74 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  
#663E74 }
```

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

```
.border{ border-color:#663E74 }
```

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

Here you see how a box with a 4 pixel #663E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E74; -webkit-box-shadow:4px 4px  
4px 4px #663E74; box-shadow:4px 4px 4px  
4px #663E74 }
```

Background

The CSS property to change the background color of an element to Hex 663E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E74 }
```

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

```
.background{ background-color:#663E74 }
```

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