

Converting Colors

Hex(663C70)

Have a look what the booklet for
Hex(663C70) contains.

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Color

Hex(663C70)

Conversions

Conversions Part 1

Format	Color
Hex	663C70
RGB	102, 60, 112
RGB Percent	40%, 24%, 44%
CMY	0.6000, 0.7647, 0.5608
CMYK	0.09, 0.46, 0.00, 0.56
HSL	288°, 30%, 34%
HSV	288°, 46%, 44%
XYZ	10.0200, 7.2263, 16.1959
YIQ	78.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

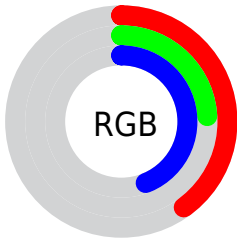
Format	Color
R_{YB}	102, 60, 112
Decimal	6700144
CIE _{Lab}	32.32, 27.94, -22.66
CIE _{LCh}	32, 35.975, 320.950
Yxy	7.2263, 0.2996, 0.2161
Android (android.graphics.Color)	4284890224 (0xFF663C70)
YUV	78.4860, 16.5224, 20.6218
Hunter-Lab	26.8819, 19.4910, -16.9041

Details

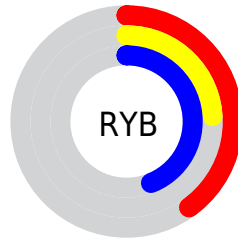
The Hex color **663C70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46703C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9A6DA4**, and **350E40** is the 20% darker color. If you saturate the color by 10%, you get **643170**, and if you desaturate by 10%, it is **684770**.

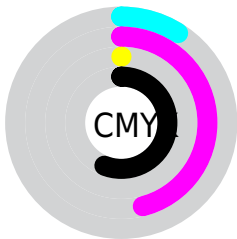
Distribution



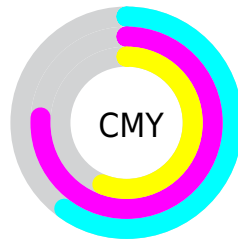
- Red (40%)
- Green (24%)
- Blue (44%)



- Red (40%)
- Yellow (24%)
- Blue (44%)



- Cyan (9%)
- Magenta (46%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663C70 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 663C70 by changing the saturation by 10% instead.

 663C70

 663C70

FFFFFF

 4D2557

 9A6DA4

 350E40

 B586BF

 21002A

 D1A1DB

 000114

 EEBCF8

 000000

 FFD8FF

 FFF5FF

 663C70

 663C70

 643170

 684770

622670

6A5270

601A70

6C5E70

5D0F70

6F6970

5B0470

717470

5A0070

737F70

758A70

779670

79A170

Harmonies

Analogous

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



3D4881



663C70



7B3356

Triad

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



663C70



624810



005A5F

Complementary

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



663C70



46703C

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.



005942



663C70



485112

Square

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



663C70



763C21



255626



005777

Rectangle

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



663C70



803243



255626



005A56

Sweetspot

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



663C70



8D7D91



3C4670



483D4A



C9C9C9



4A4A4A

Same Dimension

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



663C70



824091



703C60



373238



610078



C800F7

Inverse Universe

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



703C46



914050



3C704C



383234



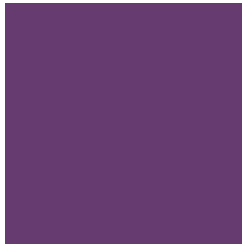
780017



F70030

Previews

White Background



This preview shows how the Hex color 663C70 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

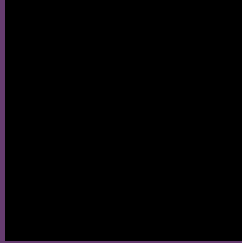
Any Text WCAG AA × Fail

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 663C70 Background



This preview shows how black text looks on a background with the Hex color 663C70.




This preview shows how white text looks on a background with the Hex color 663C70.

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
61454A

Trichromacy



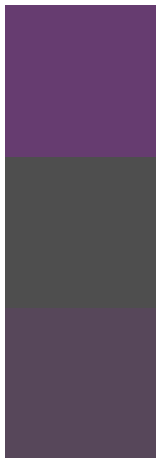
Original Color
663C70

Protanomaly
494678

Deuteranomaly
4E466E

Tritanomaly
634258

Monochromacy



Original Color
663C70

Achromatopsia
4E4E4E

Achromatomaly
57475A

CSS Examples

Text

The CSS property to change the color of the text to Hex 663C70 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 #663C70 looks like.

```
.text, #text, p{  
    color:#663C70  
}
```

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 #663C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663C70
}
```

Border

The CSS property to change the border of an element to Hex 663C70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

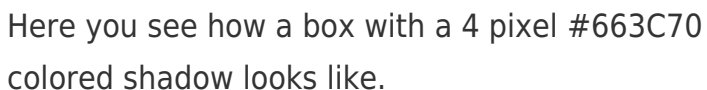
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663C70 }
```

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

```
.border{ border-color:#663C70 }
```

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



Here you see how a box with a 4 pixel #663C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663C70; -webkit-box-shadow:4px 4px  
4px 4px #663C70; box-shadow:4px 4px 4px  
4px #663C70 }
```

Background

The CSS property to change the background color of an element to Hex 663C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663C70 }
```

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

```
.background{ background-color:#663C70 }
```

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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