

# Converting Colors

Hex(663E8A)

Have a look what the booklet for  
Hex(663E8A) contains.

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# Color

**Hex(663E8A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 663E8A                    |
| RGB         | 102, 62, 138              |
| RGB Percent | 40%, 24%, 54%             |
| CMY         | 0.6000, 0.7569, 0.4588    |
| CMYK        | 0.26, 0.55, 0.00, 0.46    |
| HSL         | 272°, 38%, 39%            |
| HSV         | 272°, 55%, 54%            |
| XYZ         | 11.7896, 8.1050, 24.9878  |
| YIQ         | 82.6240, -0.5560, 32.1160 |

# Conversions

## Conversions Part 2

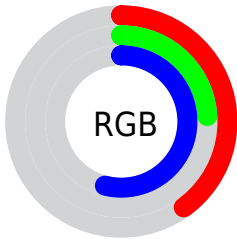
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 102, 62, 138                  |
| Decimal                             | 6700682                       |
| CIELab                              | 34.20, 32.98, -35.90          |
| CIELCh                              | 34, 48.743, 312.573           |
| Yxy                                 | 8.1050, 0.2627,<br>0.1806     |
| Android<br>(android.graphics.Color) | 4284890762<br>(0xFF663E8A)    |
| YUV                                 | 82.6240, 27.3004,<br>16.9928  |
| Hunter-Lab                          | 28.4693, 24.0982,<br>-32.1110 |

# Details

The Hex color **663E8A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **628A3E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9B6FC0**, and **330F57** is the 20% darker color. If you saturate the color by 10%, you get **5F308A**, and if you desaturate by 10%, it is **6D4C8A**.

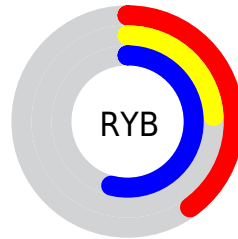
# Distribution



Red (40%)

Green (24%)

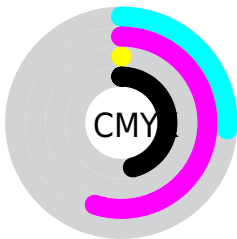
Blue (54%)



Red (40%)

Yellow (24%)

Blue (54%)

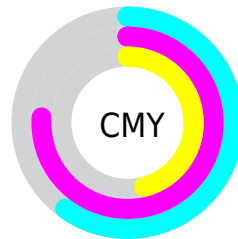


Cyan (26%)

Magenta (55%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (76%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663E8A 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 663E8A by changing the saturation by 10% instead.



663E8A

663E8A

FFFFFF

4C2770

9B6FC0

330F57

B789DC

1C0040

D3A4F9

000029

F0BFFF

000113

FFDBFF

000000

FFF8FF

663E8A

663E8A

5F308A

6D4C8A

■ 59228A

■ 735A8A

■ 52158A

■ 7A678A

■ 4C078A

■ 80758A

■ 49008A

■ 87838A

■ 8D918A

■ 949F8A

■ 9AAC8A

■ A1BA8A

# Harmonies

## Analogous

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



00509D



663E8A



8A2B69

# Triad

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



663E8A



744600



006260

# Complementary

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



663E8A



628A3E

# 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.



006038



663E8A



535400

# Square

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



663E8A



8C341D



255C0F



006184

# Rectangle

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



663E8A



93254F



255C0F



006253



# Sweetspot

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



663E8A



A494B3



3E638A



514759



D9D9D9



595959



# Same Dimension

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



663E8A



7B3DB3



8A3E89



423E45



460085



030005



# Inverse Universe

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



8A3E62



B33D74



3E8A3F



453E41



85003F

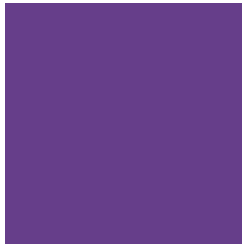


050002



# Previews

## White Background



This preview shows how the Hex color 663E8A looks on a white background.

## Color Contrast Check

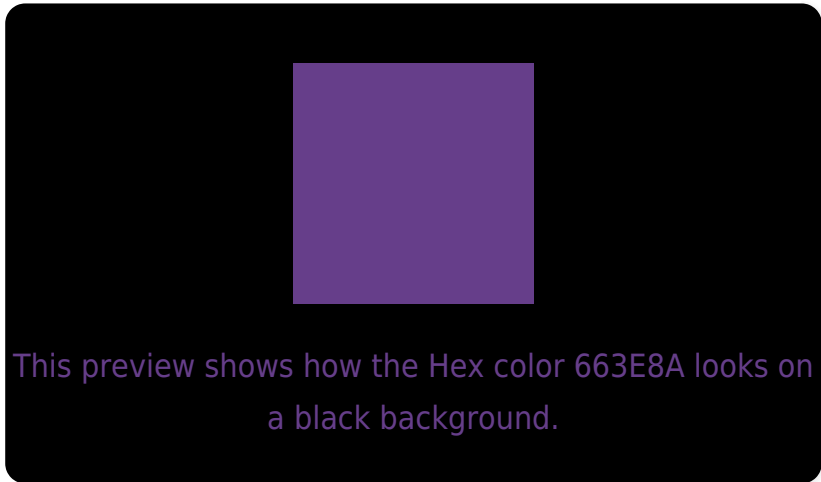
Large Text (above 18pt) WCAG AA ✓ Pass

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

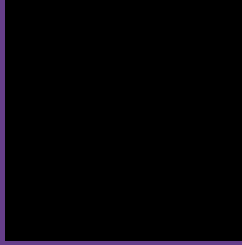
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663E8A Background



This preview shows how black text looks on a background with the Hex color 663E8A.



This preview shows how white text looks on a background with the Hex color 663E8A.

# 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**  
663E8A

**Protanopia**  
264E9A

**Deuteranopia**  
2E5186



**Tritanopia**  
5C4C52

# Trichromacy



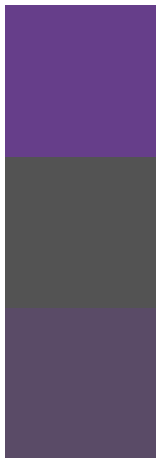
**Original Color**  
663E8A

**Protanomaly**  
3D4894

**Deuteranomaly**  
424A87

**Tritanomaly**  
604766

# Monochromacy



**Original Color**  
663E8A

**Achromatopsia**  
535353

**Achromatomaly**  
5A4B67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663E8A 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 #663E8A looks like.

```
.text, #text, p{  
    color:#663E8A  
}
```

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 #663E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663E8A
}
```

## Border

The CSS property to change the border of an element to Hex 663E8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

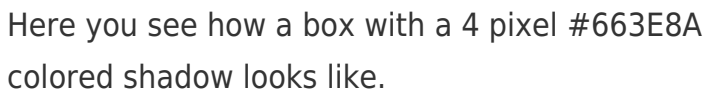
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663E8A }
```

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

```
.border{ border-color:#663E8A }
```

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



Here you see how a box with a 4 pixel #663E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663E8A; -webkit-box-shadow:4px 4px  
4px 4px #663E8A; box-shadow:4px 4px 4px  
4px #663E8A }
```

# Background

The CSS property to change the background color of an element to Hex 663E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663E8A }
```

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

```
.background{ background-color:#663E8A }
```

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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