

# Converting Colors

Hex(663252)

Have a look what the booklet for  
Hex(663252) contains.

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# Color

**Hex(663252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663252
RGB	102, 50, 82
RGB Percent	40%, 20%, 32%
CMY	0.6000, 0.8039, 0.6784
CMYK	0.00, 0.51, 0.20, 0.60
HSL	323°, 34%, 30%
HSV	323°, 51%, 40%
XYZ	8.1431, 5.7152, 8.6566
YIQ	69.1960, 20.7200, 20.9760

# Conversions

## Conversions Part 2

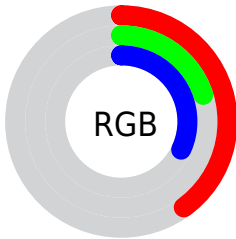
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 50, 82</a>
Decimal	<a href="#">6697554</a>
CIELab	<a href="#">28.68, 27.83, -8.96</a>
CIELCh	<a href="#">29, 29.233, 342.150</a>
Yxy	<a href="#">5.7152, 0.3617, 0.2538</a>
Android (android.graphics.Color)	<a href="#">4284887634 (0xFF663252)</a>
YUV	<a href="#">69.1960, 6.3124, 28.7691</a>
Hunter-Lab	<a href="#">23.9064, 18.9649, -4.7346</a>

# Details

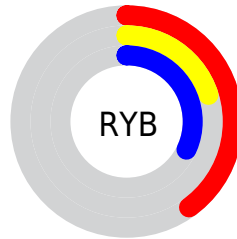
The Hex color **663252** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **326646**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9A6283**, and **350325** is the 20% darker color. If you saturate the color by 10%, you get **66284E**, and if you desaturate by 10%, it is **663C56**.

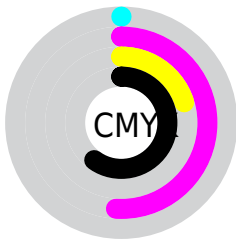
# Distribution



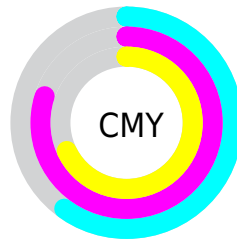
- Red (40%)
- Green (20%)
- Blue (32%)



- Red (40%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663252 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 663252 by changing the saturation by 10% instead.



663252

663252

FFFFFF

4D1B3B

9A6283

350325

B67C9D

210010

D296B8

000000

EEB1D4

FFCCF0

FFE9FF

663252

663252

66284E

663C56

661E4A

66465A

661346

66515E

660942

665B62

66003F

666566

666F6A

66796D

668471

668E75

# Harmonies

## Analogous

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



513A65



663252



6E303B

# Triad

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



663252



484515



004E61

# Complementary

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



663252



326646

# 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.



004F4C



663252



2F4B21

# Square

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



663252



5C3E18



034E35



004A6E

# Rectangle

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



663252



6C332D



034E35



004E5B



# Sweetspot

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



663252



85717D



463266



42363E



C2C2C2



424242



# Same Dimension

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



663252



853465



663238



332E31



730047



F20095



# Inverse Universe

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



663252



853465



326660



332E31



730047

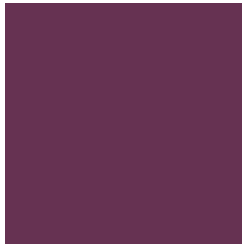


F20095



# Previews

## White Background



This preview shows how the Hex color 663252 looks on a white background.

## Color Contrast Check

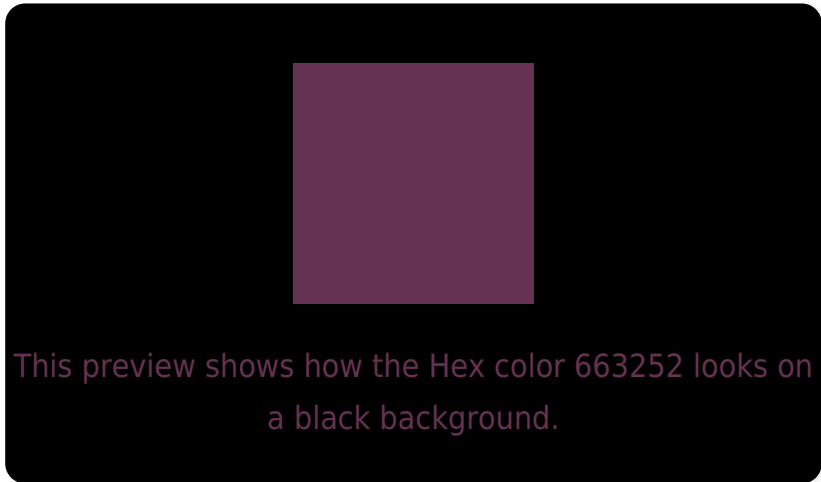
Large Text (above 18pt) WCAG AA ✓ Pass

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

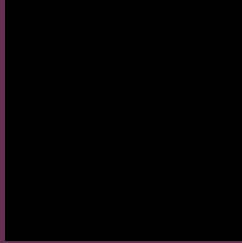
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663252 Background



This preview shows how black text looks on a background with the Hex color 663252.



This preview shows how white text looks on a background with the Hex color 663252.

# 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**  
663252

**Protanopia**  
3C435E

**Deuteranopia**  
46434F



**Tritanopia**  
64373B

# Trichromacy



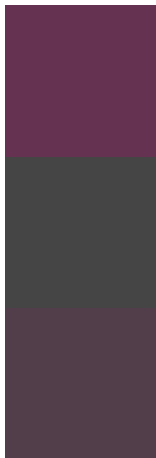
**Original Color**  
663252

**Protanomaly**  
4B3D5A

**Deuteranomaly**  
523D50

**Tritanomaly**  
653543

# Monochromacy



**Original Color**  
663252

**Achromatopsia**  
454545

**Achromatomaly**  
513E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663252 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 #663252 looks like.

```
.text, #text, p{  
    color:#663252  
}
```

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 #663252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663252
}
```

## Border

The CSS property to change the border of an element to Hex 663252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

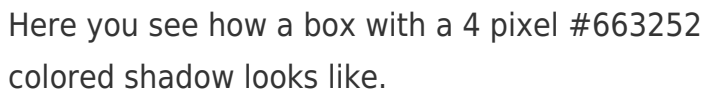
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663252 }
```

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

```
.border{ border-color:#663252 }
```

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



Here you see how a box with a 4 pixel #663252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663252; -webkit-box-shadow:4px 4px  
4px 4px #663252; box-shadow:4px 4px 4px  
4px #663252 }
```

# Background

The CSS property to change the background color of an element to Hex 663252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663252 }
```

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

```
.background{ background-color:#663252 }
```

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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