

# Converting Colors

Hex(664158)

Have a look what the booklet for  
Hex(664158) contains.

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**Color**

**Hex(664158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664158
RGB	102, 65, 88
RGB Percent	40%, 25%, 35%
CMY	0.6000, 0.7451, 0.6549
CMYK	0.00, 0.36, 0.14, 0.60
HSL	323°, 22%, 33%
HSV	323°, 36%, 40%
XYZ	9.1312, 7.3100, 10.1622
YIQ	78.6850, 14.6690, 14.9970

# Conversions

## Conversions Part 2

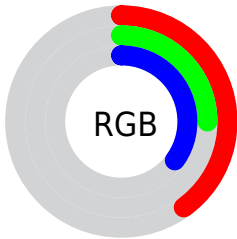
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 65, 88
Decimal	6701400
CIE Lab	32.50, 19.94, -7.10
CIE LCh	33, 21.162, 340.409
Yxy	7.3100, 0.3432, 0.2748
Android (android.graphics.Color)	4284891480 (0xFF664158)
YUV	78.6850, 4.5923, 20.4473
Hunter-Lab	27.0369, 12.9706, -3.3591

# Details

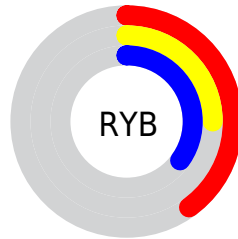
The Hex color **664158** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41664F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9A718A**, and **36152B** is the 20% darker color. If you saturate the color by 10%, you get **663754**, and if you desaturate by 10%, it is **664B5C**.

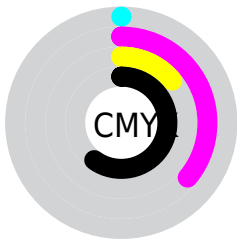
# Distribution



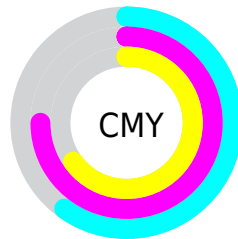
- Red (40%)
- Green (25%)
- Blue (35%)



- Red (40%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (14%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664158 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 664158 by changing the saturation by 10% instead.



 664158

 664158

FFFFFF

 4D2A41

 9A718A

 36152B

 B58BA4

 220016

 D1A6BF

 000000

 EDC1DB

 FFDDF8

 FFFAFF

 664158

 664158

 663754

 664B5C

662D50

665560

66224C

666064

661849

666A67

660E45

66746B

660441

667E6F

66003F

668873

669377

669D7B

# Harmonies

## Analogous

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



564666



664158



6D4047

# Triad

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



664158



524D2B



075461

# Complementary

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



664158



41664F

# 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.



135552



664158



3F5233

# Square

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



664158



61482D



2B5541



21516B

# Rectangle

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



664158



6C413C



2B5541



06555D



# Sweetspot

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



664158



85767F



4F4166



423A3F



C2C2C2



424242



# Same Dimension

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



664158



854A6F



664146



332E31



730047



F20097



# Inverse Universe

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



664158



854A6F



416661



332E31



730047

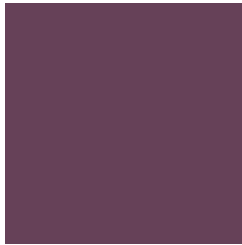


F20097



# Previews

## White Background



This preview shows how the Hex color 664158 looks on a white background.

## Color Contrast Check

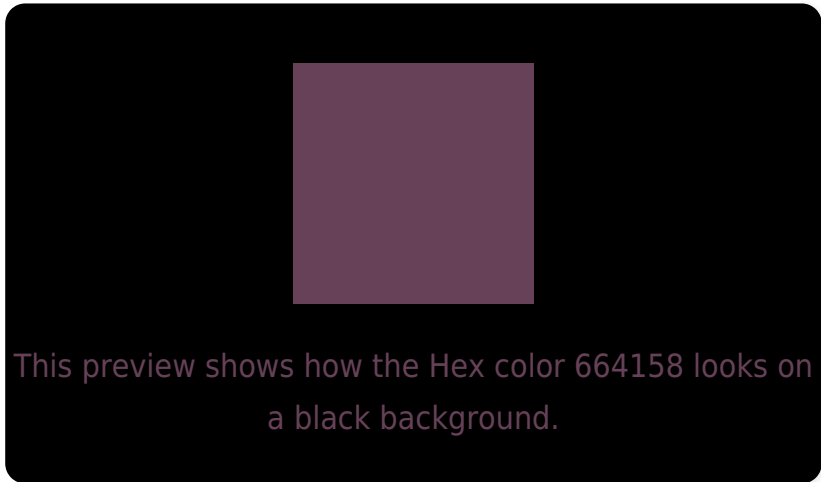
Large Text (above 18pt) WCAG AA ✓ Pass

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

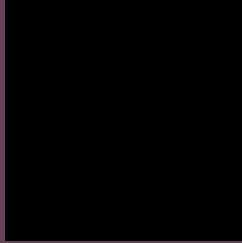
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664158 Background



This preview shows how black text looks on a background with the Hex color 664158.

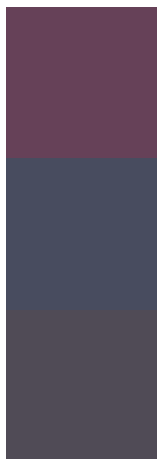


This preview shows how white text looks on a background with the Hex color 664158.

# 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**  
664158

**Protanopia**  
484C5F

**Deuteranopia**  
504B56



**Tritanopia**  
644449

# Trichromacy



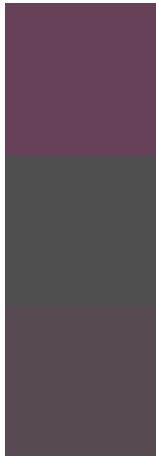
**Original Color**  
664158

**Protanomaly**  
53485C

**Deuteranomaly**  
584757

**Tritanomaly**  
65434E

# Monochromacy



**Original Color**  
664158

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
574A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664158 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 #664158 looks like.

```
.text, #text, p{  
    color:#664158  
}
```

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 #664158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664158
}
```

## Border

The CSS property to change the border of an element to Hex 664158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

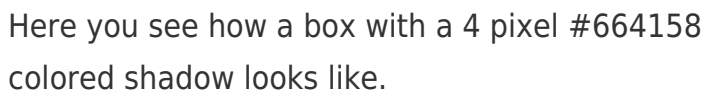
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664158 }
```

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

```
.border{ border-color:#664158 }
```

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



Here you see how a box with a 4 pixel #664158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664158; -webkit-box-shadow:4px 4px  
4px 4px #664158; box-shadow:4px 4px 4px  
4px #664158 }
```

# Background

The CSS property to change the background color of an element to Hex 664158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664158 }
```

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

```
.background{ background-color:#664158 }
```

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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