

# Converting Colors

Hex(664257)

Have a look what the booklet for  
Hex(664257) contains.

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# Color

**Hex(664257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664257
RGB	102, 66, 87
RGB Percent	40%, 26%, 34%
CMY	0.6000, 0.7412, 0.6588
CMYK	0.00, 0.35, 0.15, 0.60
HSL	325°, 21%, 33%
HSV	325°, 35%, 40%
XYZ	9.1480, 7.4093, 9.9648
YIQ	79.1580, 14.7150, 14.1630

# Conversions

## Conversions Part 2

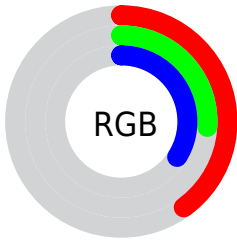
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 66, 87
Decimal	6701655
CIE Lab	32.72, 19.13, -6.13
CIE LCh	33, 20.091, 342.243
Yxy	7.4093, 0.3449, 0.2794
Android (android.graphics.Color)	4284891735 (0xFF664257)
YUV	79.1580, 3.8661, 20.0324
Hunter-Lab	27.2201, 12.3543, -2.6510

# Details

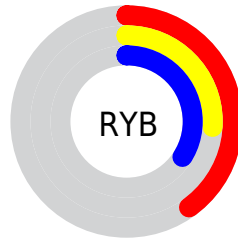
The Hex color **664257** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **426651**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9A7389**, and **36162A** is the 20% darker color. If you saturate the color by 10%, you get **663853**, and if you desaturate by 10%, it is **664C5B**.

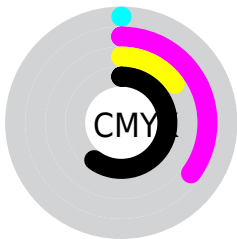
# Distribution



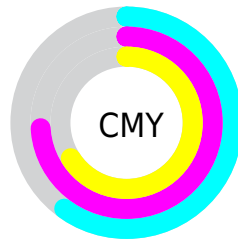
- Red (40%)
- Green (26%)
- Blue (34%)



- Red (40%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664257 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 664257 by changing the saturation by 10% instead.



664257

664257

FFFFFF

4E2B40

9A7389

36162A

B58CA3

220016

D1A7BE

000000

EDC2DA

FFDEF6

FFFBFF

664257

664257

663853

664C5B

662E4F

665660

66234A

666164

661946

666B68

660F42

66756C

66053D

667F71

66003B

668975

669479

669E7D

# Harmonies

## Analogous

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



574764



664257



6C4147

# Triad

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



664257



514E2E



125462

# Complementary

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



664257



426651

# 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.



195653



664257



405235

# Square

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



664257



60492F



2C5543



27516B

# Rectangle

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



664257



6B423D



2C5543



11555D



# Sweetspot

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



664257



85767F



514266



423A3F



C2C2C2



424242



# Same Dimension

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



664257



854D6D



664245



332E31



730043



F2008D



# Inverse Universe

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



664257



854D6D



426663



332E31



730043

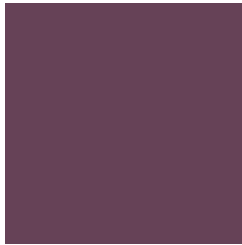


F2008D



# Previews

## White Background



This preview shows how the Hex color 664257 looks on a white background.

## Color Contrast Check

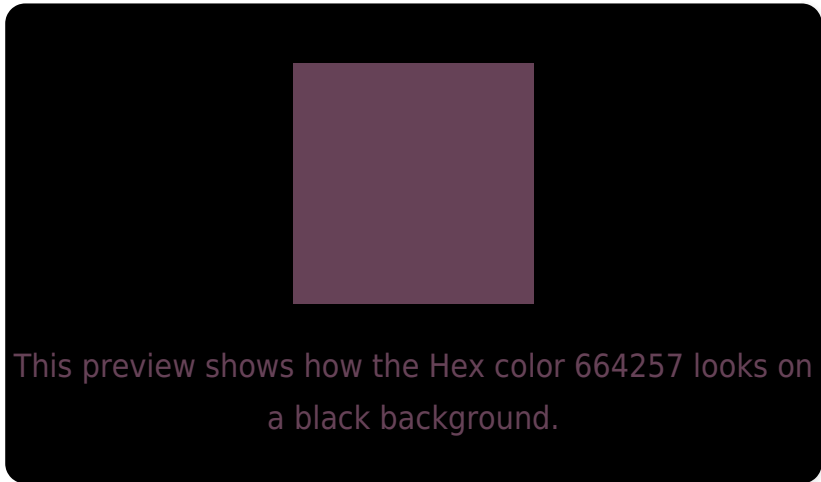
Large Text (above 18pt) WCAG AA ✓ Pass

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

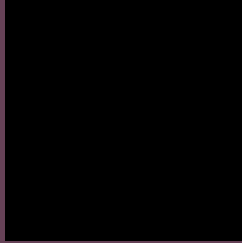
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664257 Background



This preview shows how black text looks on a background with the Hex color 664257.



This preview shows how white text looks on a background with the Hex color 664257.

# 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**  
664257

**Protanopia**  
494D5E

**Deuteranopia**  
514B55



**Tritanopia**  
64444A

# Trichromacy



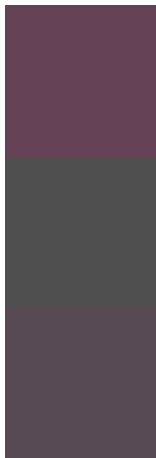
**Original Color**  
664257

**Protanomaly**  
54495B

**Deuteranomaly**  
594856

**Tritanomaly**  
65434F

# Monochromacy



**Original Color**  
664257

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
574A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664257 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 #664257 looks like.

```
.text, #text, p{  
    color:#664257  
}
```

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 #664257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664257  
}
```

## Border

The CSS property to change the border of an element to Hex 664257 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  
#664257 }
```

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

```
.border{ border-color:#664257 }
```

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

Here you see how a box with a 4 pixel #664257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664257; -webkit-box-shadow:4px 4px  
4px 4px #664257; box-shadow:4px 4px 4px  
4px #664257 }
```

# Background

The CSS property to change the background color of an element to Hex 664257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664257 }
```

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

```
.background{ background-color:#664257 }
```

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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