

# Converting Colors

Hex(664E6D)

Have a look what the booklet for  
Hex(664E6D) contains.

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# Color

**Hex(664E6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664E6D
RGB	102, 78, 109
RGB Percent	40%, 31%, 43%
CMY	0.6000, 0.6941, 0.5725
CMYK	0.06, 0.28, 0.00, 0.57
HSL	286°, 17%, 37%
HSV	286°, 28%, 43%
XYZ	10.9642, 9.3777, 15.7002
YIQ	88.7100, 4.3530, 14.7290

# Conversions

## Conversions Part 2

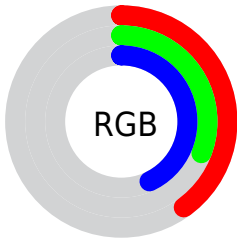
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 78, 109
Decimal	6704749
CIE <sub>Lab</sub>	36.70, 16.24, -14.01
CIE <sub>LCh</sub>	37, 21.446, 319.205
Yxy	9.3777, 0.3042, 0.2602
Android (android.graphics.Color)	4284894829 (0xFF664E6D)
YUV	88.7100, 10.0030, 11.6553
Hunter-Lab	30.6230, 10.3195, -8.9615

# Details

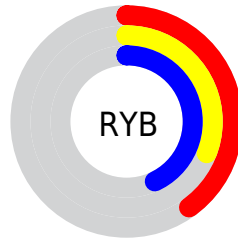
The Hex color **664E6D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **556D4E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **997FA1**, and **37213D** is the 20% darker color. If you saturate the color by 10%, you get **64436D**, and if you desaturate by 10%, it is **68596D**.

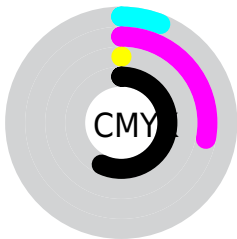
# Distribution



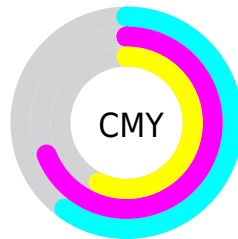
- Red (40%)
- Green (31%)
- Blue (43%)



- Red (40%)
- Yellow (31%)
- Blue (43%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (69%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664E6D 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 664E6D by changing the saturation by 10% instead.



 664E6D

 664E6D

FFFFFF

 4E3755

 997FA1

 37213D

 B499BC

 210C27

 D0B4D7

 000012

 ECD0F4

 000000

 FFECFF

 664E6D

 664E6D

 64436D

 68596D

 61386D

 6B646D

5F2D6D

6D6F6D

5C226D

707A6D

5A186D

72856D

570D6D

758F6D

55026D

779A6D

54006D

7AA56D

7CB06D

# Harmonies

## Analogous

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



505477



664E6D



744A5D

# Triad

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



664E6D



685335



1A6061

# Complementary

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



664E6D



556D4E

# 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.



2E5F4F



664E6D



575935

# Square

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



664E6D



744D3D



435D3F



1B5E70

# Rectangle

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



664E6D



784952



435D3F



20605B



# Sweetspot

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



664E6D



8C828F



4E556D



464047



C7C7C7



474747



# Same Dimension

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



664E6D



845E8F



6D4E65



343036



5B0075



BE00F5



# Inverse Universe

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



6D4E55



8F5E69



4E6D56



363031



75001A



F50037



# Previews

## White Background



This preview shows how the Hex color 664E6D 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

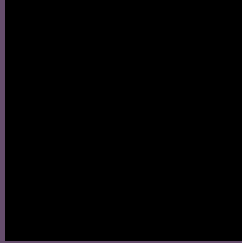
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664E6D Background



This preview shows how black text looks on a background with the Hex color 664E6D.

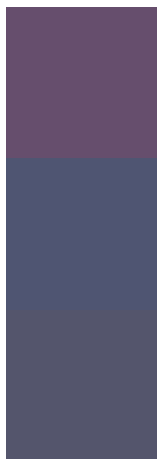


This preview shows how white text looks on a background with the Hex color 664E6D.

# 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**  
664E6D

**Protanopia**  
4F5572

**Deuteranopia**  
54556C



**Tritanopia**  
635258

# Trichromacy



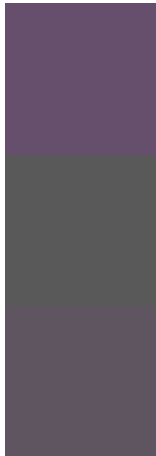
**Original Color**  
664E6D

**Protanomaly**  
575270

**Deuteranomaly**  
5B526C

**Tritanomaly**  
645160

# Monochromacy



**Original Color**  
664E6D

**Achromatopsia**  
595959

**Achromatomaly**  
5E5560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664E6D 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 #664E6D looks like.

```
.text, #text, p{  
    color:#664E6D  
}
```

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 #664E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664E6D
}
```

## Border

The CSS property to change the border of an element to Hex 664E6D 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".

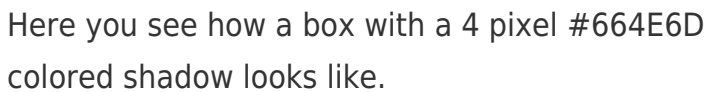
```
.border, #border, table{ border:4px solid
#664E6D }
```

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

```
.border{ border-color:#664E6D }
```

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

Here you see how a box with a 4 pixel #664E6D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664E6D; -webkit-box-shadow:4px 4px  
4px 4px #664E6D; box-shadow:4px 4px 4px  
4px #664E6D }
```

# Background

The CSS property to change the background color of an element to Hex 664E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664E6D }
```

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

```
.background{ background-color:#664E6D }
```

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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