

# Converting Colors

Hex(664153)

Have a look what the booklet for  
Hex(664153) contains.

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# Color

**Hex(664153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664153
RGB	102, 65, 83
RGB Percent	40%, 25%, 33%
CMY	0.6000, 0.7451, 0.6745
CMYK	0.00, 0.36, 0.19, 0.60
HSL	331°, 22%, 33%
HSV	331°, 36%, 40%
XYZ	8.9311, 7.2299, 9.1084
YIQ	78.1150, 16.2740, 13.4420

# Conversions

## Conversions Part 2

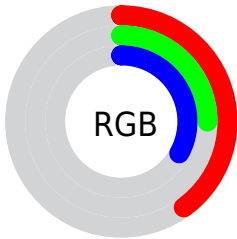
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 65, 83
Decimal	6701395
CIE <sub>Lab</sub>	32.32, 19.02, -4.15
CIE <sub>LCh</sub>	32, 19.466, 347.686
Yxy	7.2299, 0.3534, 0.2861
Android (android.graphics.Color)	4284891475 (0xFF664153)
YUV	78.1150, 2.4083, 20.9471
Hunter-Lab	26.8885, 12.2346, -1.2624

# Details

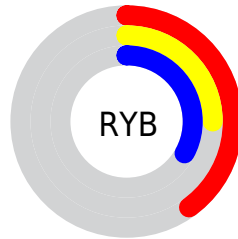
The Hex color **664153** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **416654**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9A7184**, and **361526** is the 20% darker color. If you saturate the color by 10%, you get **66374E**, and if you desaturate by 10%, it is **664B58**.

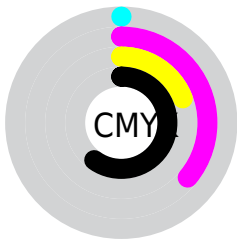
# Distribution



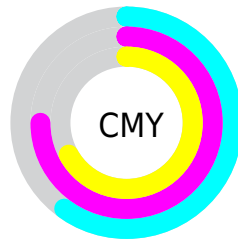
- Red (40%)
- Green (25%)
- Blue (33%)



- Red (40%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664153 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 664153 by changing the saturation by 10% instead.



664153

664153

FFFFFF

4D2A3C

9A7184

361526

B58B9F

220012

D1A6B9

000000

EDC1D5

FFDDF1

FFF9FF

664153

664153

66374E

664B58

662D49

66555D

662243

666063

66183E

666A68

660E39

66746D

660434

667E72

660032

668878

66937D

669D82

# Harmonies

## Analogous

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



594561



664153



6A4143

# Triad

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



664153



4D4E2E



175362

# Complementary

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



664153



416654

# 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.



185455



664153



3C5237

# Square

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



664153



5C492E



295445



2D4F6A

# Rectangle

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



664153



69423A



295445



14545E



# Sweetspot

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



664153



85767D



544166



423A3E



C2C2C2



424242



# Same Dimension

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



664153



854A67



664141



332E30



730038



F20076



# Inverse Universe

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



664153



854A67



416666



332E30



730038

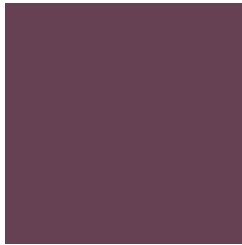


F20076



# Previews

## White Background



This preview shows how the Hex color 664153 looks on a white background.

## Color Contrast Check

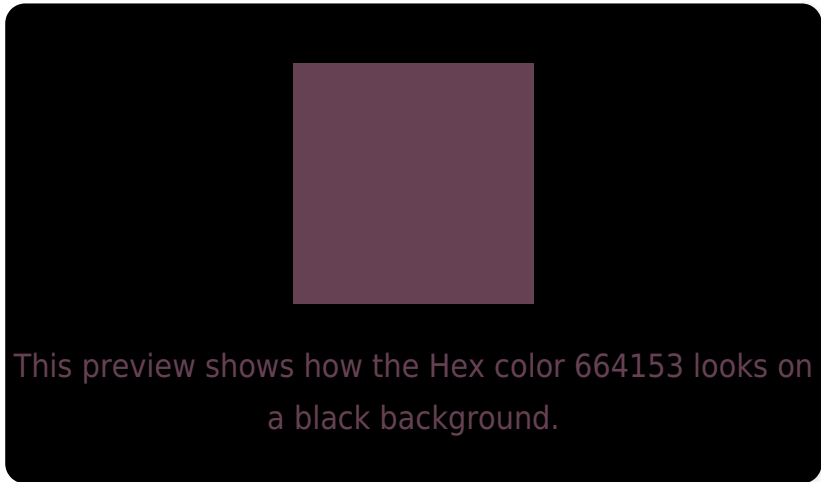
Large Text (above 18pt) WCAG AA ✓ Pass

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

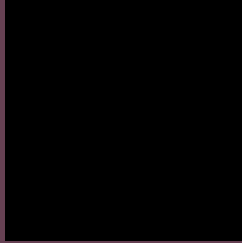
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664153 Background



This preview shows how black text looks on a background with the Hex color 664153.



This preview shows how white text looks on a background with the Hex color 664153.

# 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**  
664153

**Protanopia**  
4A4C5A

**Deuteranopia**  
524A51



**Tritanopia**  
654348

# Trichromacy



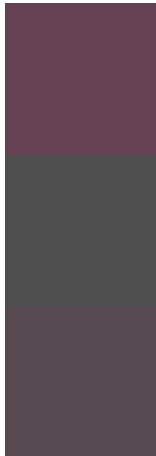
**Original Color**  
664153

**Protanomaly**  
544857

**Deuteranomaly**  
594752

**Tritanomaly**  
65424C

# Monochromacy



**Original Color**  
664153

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
574950

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664153 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 #664153 looks like.

```
.text, #text, p{  
    color:#664153  
}
```

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 #664153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664153
}
```

## Border

The CSS property to change the border of an element to Hex 664153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

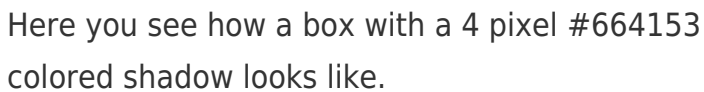
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664153 }
```

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

```
.border{ border-color:#664153 }
```

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



Here you see how a box with a 4 pixel #664153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664153; -webkit-box-shadow:4px 4px  
4px 4px #664153; box-shadow:4px 4px 4px  
4px #664153 }
```

# Background

The CSS property to change the background color of an element to Hex 664153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664153 }
```

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

```
.background{ background-color:#664153 }
```

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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