

# Converting Colors

Hex(673D64)

Have a look what the booklet for  
Hex(673D64) contains.

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# Color

**Hex(673D64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673D64
RGB	103, 61, 100
RGB Percent	40%, 24%, 39%
CMY	0.5961, 0.7608, 0.6078
CMYK	0.00, 0.41, 0.03, 0.60
HSL	304°, 26%, 32%
HSV	304°, 41%, 40%
XYZ	9.5625, 7.1412, 12.9310
YIQ	78.0040, 12.5130, 21.0330

# Conversions

## Conversions Part 2

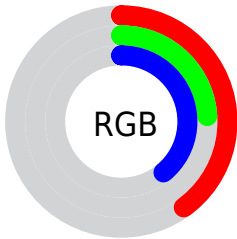
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 61, 100
Decimal	6765924
CIE <sub>Lab</sub>	32.13, 25.11, -15.33
CIE <sub>LCh</sub>	32, 29.420, 328.592
Yxy	7.1412, 0.3227, 0.2410
Android (android.graphics.Color)	4284956004 (0xFF673D64)
YUV	78.0040, 10.8440, 21.9215
Hunter-Lab	26.7229, 17.1092, -9.9838

# Details

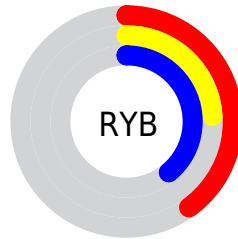
The Hex color **673D64** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6740**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9B6E97**, and **371035** is the 20% darker color. If you saturate the color by 10%, you get **673363**, and if you desaturate by 10%, it is **674765**.

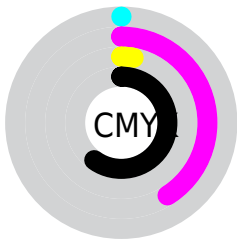
# Distribution



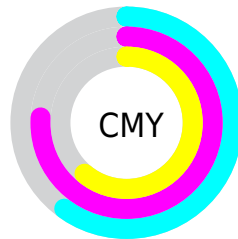
- Red (40%)
- Green (24%)
- Blue (39%)



- Red (40%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673D64 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 673D64 by changing the saturation by 10% instead.



673D64

673D64

FFFFFF

4E264C

9B6E97

371035

B687B2

230020

D2A2CD

000004

EFBDE9

000000

FFD9FF

FFF5FF

673D64

673D64

673363

674765

672863

675265

671E62

675C66

671461

676667

670A60

677168

670060

677B68

678569

678F6A

679A6B

# Harmonies

## Analogous

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



4B4674



673D64



75384E

# Triad

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



673D64



5A4A1C



005761

# Complementary

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



673D64



3D6740

# 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.



00574A



673D64



435121

# Square

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



673D64



6C4124



255533



005473

# Rectangle

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



673D64



77383E



255533



00575A



# Sweetspot

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



673D64



877786



403D67



453B44



C4C4C4



454545



# Same Dimension

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



673D64



874582



673D4F



332E33



73006B



F200E1



# Inverse Universe

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



673D64



874582



3D6755



332E33



73006B



F200E1



# Previews

## White Background



This preview shows how the Hex color 673D64 looks on a white background.

## Color Contrast Check

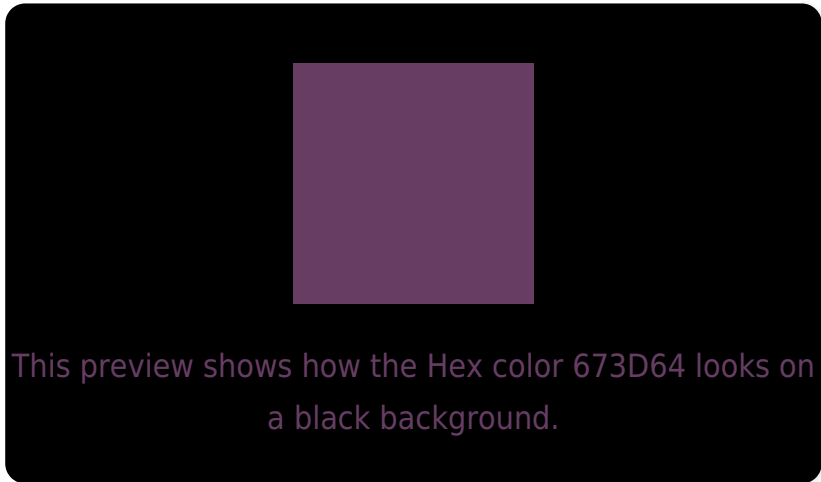
Large Text (above 18pt) WCAG AA ✓ Pass

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

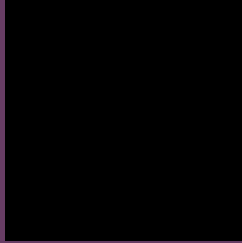
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673D64 Background



This preview shows how black text looks on a background with the Hex color 673D64.



This preview shows how white text looks on a background with the Hex color 673D64.

# 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**  
673D64

**Protanopia**  
404B6F

**Deuteranopia**  
484B62



**Tritanopia**  
634348

# Trichromacy



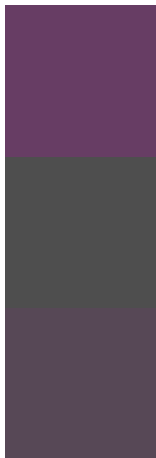
**Original Color**  
673D64

**Protanomaly**  
4E466B

**Deuteranomaly**  
534663

**Tritanomaly**  
644152

# Monochromacy



**Original Color**  
673D64

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
574856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673D64 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 #673D64 looks like.

```
.text, #text, p{  
    color:#673D64  
}
```

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 #673D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673D64
}
```

## Border

The CSS property to change the border of an element to Hex 673D64 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
#673D64 }
```

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

```
.border{ border-color:#673D64 }
```

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

Here you see how a box with a 4 pixel #673D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673D64; -webkit-box-shadow:4px 4px  
4px 4px #673D64; box-shadow:4px 4px 4px  
4px #673D64 }
```

# Background

The CSS property to change the background color of an element to Hex 673D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673D64 }
```

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

```
.background{ background-color:#673D64 }
```

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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