

# Converting Colors

Hex(63644F)

Have a look what the booklet for  
Hex(63644F) contains.

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# Color

**Hex(63644F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63644F
RGB	99, 100, 79
RGB Percent	39%, 39%, 31%
CMY	0.6118, 0.6078, 0.6902
CMYK	0.01, 0.00, 0.21, 0.61
HSL	63°, 12%, 35%
HSV	63°, 21%, 39%
XYZ	11.1140, 12.3315, 9.1916
YIQ	97.3070, 6.1450, -6.7430

# Conversions

## Conversions Part 2

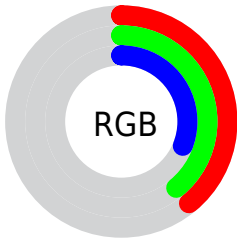
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 100, 80
Decimal	6513743
CIE <sub>Lab</sub>	41.74, -4.37, 11.81
CIE <sub>LCh</sub>	42, 12.596, 110.301
Yxy	12.3315, 0.3405, 0.3778
Android (android.graphics.Color)	4284703823 (0xFF63644F)
YUV	97.3070, -9.0254, 1.4848
Hunter-Lab	35.1162, -4.9594, 9.0624

# Details

The Hex color **63644F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **504F64**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **969780**, and **343522** is the 20% darker color. If you saturate the color by 10%, you get **636445**, and if you desaturate by 10%, it is **636459**.

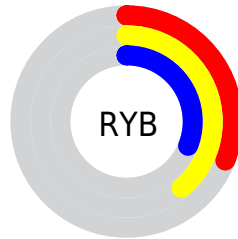
# Distribution



Red (39%)

Green (39%)

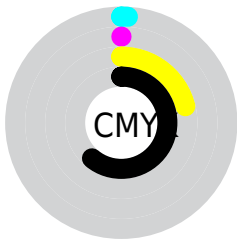
Blue (31%)



Red (31%)

Yellow (39%)

Blue (31%)

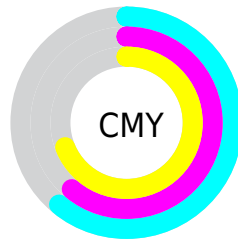


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63644F 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 63644F by changing the saturation by 10% instead.





63644F



63644F

FFFFFF



4B4C38



969780



343522



B1B19A



1F200D



CCCDB5



000900



E8E9D1



000000



FFFFED



63644F



63644F



636445



636459



62643B



646463

■ 626431

■ 64646D

■ 616427

■ 656477

■ 61641D

■ 656481

■ 606413

■ 66648B

■ 606409

■ 666495

■ 5F6400

■ 67649F

■ 6764A9

# Harmonies

## Analogous

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



6E614E



63644F



576755

# Triad

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



63644F



496772



755C66

# Complementary

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



63644F



504F64

# 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.



6D5E70



63644F



526477

# Square

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



63644F



476869



606176



785B5C

# Rectangle

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



63644F



50685B



606176



735C6A



# Sweetspot

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



63644F



82827A



64504F



42423E



C2C2C2



424242



# Same Dimension

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



63644F



818262



59644F



33332E



6D7300



E7F200



# Inverse Universe

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



504F64



636282



5A4F64



2E2E33



050073



0C00F2



# Previews

## White Background



This preview shows how the Hex color 63644F looks on a white background.

## Color Contrast Check

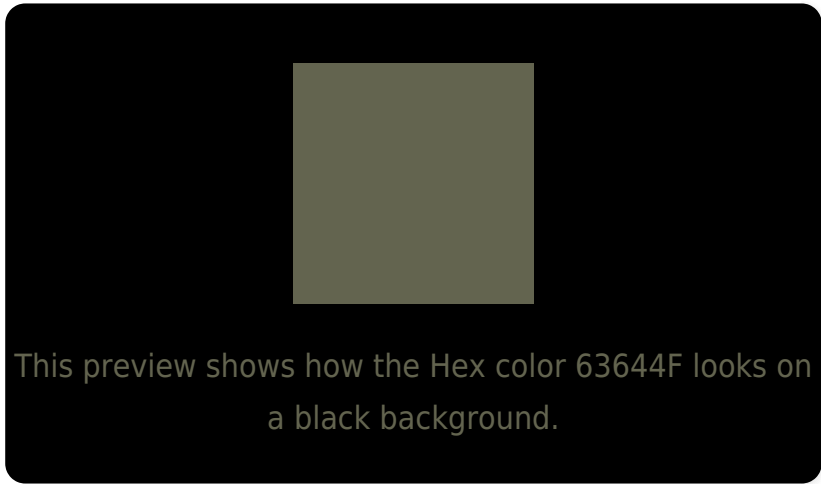
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

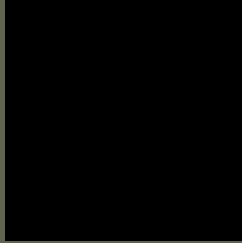
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

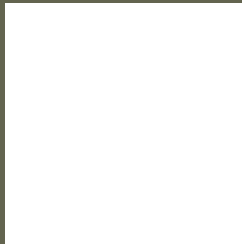
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63644F Background



This preview shows how black text looks on a background with the Hex color 63644F.



This preview shows how white text looks on a background with the Hex color 63644F.

# 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**

63644F

**Protanopia**

69624E

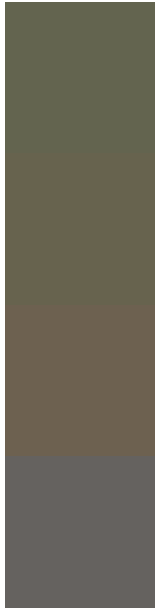
**Deuteranopia**

725F50



**Tritanopia**  
666168

# Trichromacy



**Original Color**  
63644F

**Protanomaly**  
67634E

**Deuteranomaly**  
6D6150

**Tritanomaly**  
65625F

# Monochromacy



**Original Color**  
63644F

**Achromatopsia**  
616161

**Achromatomaly**  
62625A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63644F 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 #63644F looks like.

```
.text, #text, p{  
    color:#63644F  
}
```

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 #63644F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63644F
}
```

## Border

The CSS property to change the border of an element to Hex 63644F is called "border". The border property can be set on classes, ids or directly on the HTML element.

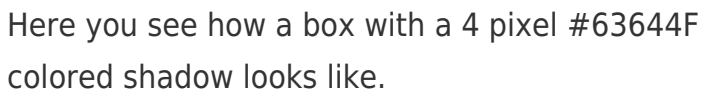
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63644F }
```

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

```
.border{ border-color:#63644F }
```

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



Here you see how a box with a 4 pixel #63644F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63644F; -webkit-box-shadow:4px 4px  
4px 4px #63644F; box-shadow:4px 4px 4px  
4px #63644F }
```

# Background

The CSS property to change the background color of an element to Hex 63644F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63644F }
```

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

```
.background{ background-color:#63644F }
```

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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