

Converting Colors

Hex(644F64)

Have a look what the booklet for
Hex(644F64) contains.

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Color

Hex(644F64)

Conversions

Conversions Part 1

Format	Color
Hex	644F64
RGB	100, 79, 100
RGB Percent	39%, 31%, 39%
CMY	0.6078, 0.6902, 0.6078
CMYK	0.00, 0.21, 0.00, 0.61
HSL	300°, 12%, 35%
HSV	300°, 21%, 39%
XYZ	10.3518, 9.2214, 13.2909
YIQ	87.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

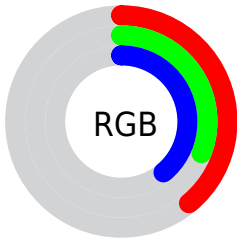
Format	Color
R_{YB}	100, 79, 100
Decimal	6573924
CIE _{Lab}	36.41, 12.89, -8.85
CIE _{LCh}	36, 15.635, 325.506
Yxy	9.2214, 0.3150, 0.2806
Android (android.graphics.Color)	4284764004 (0xFF644F64)
YUV	87.6730, 6.0772, 10.8108
Hunter-Lab	30.3667, 7.7073, -4.6933

Details

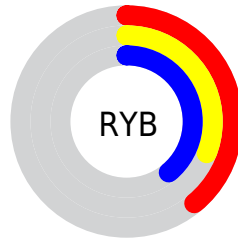
The Hex color **644F64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F644F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **978097**, and **352235** is the 20% darker color. If you saturate the color by 10%, you get **644564**, and if you desaturate by 10%, it is **645964**.

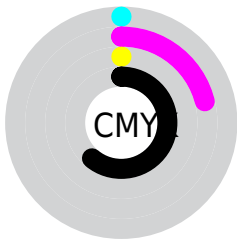
Distribution



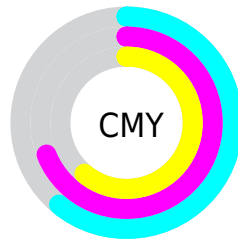
- Red (39%)
- Green (31%)
- Blue (39%)



- Red (39%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644F64 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 644F64 by changing the saturation by 10% instead.

644F64

644F64

FFFFFF

4C384C

978097

352235

B29AB2

200E20

CDB5CD

000006

EAD1E9

000000

FFEDFF

644F64

644F64

644564

645964

643B64

646364

643164

646D64

642764

647764

641D64

648164

641364

648B64

640964

649564

640064

649F64

64A964

Harmonies

Analogous

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



55536C



644F64



6D4D58

Triad

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



644F64



61543D



315C60

Complementary

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



644F64



4F644F

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.



385D53



644F64



53583F

Square

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



644F64



6A5041



455B47



355B6A

Rectangle

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



644F64



6F4D4F



455B47



325D5C

Sweetspot

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



644F64



827A82



4F4F64



423E42



C2C2C2



424242

Same Dimension

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



644F64



826282



644F5A



332E33



730073



F200F2

Inverse Universe

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



644F64



826282



4F645A



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 644F64 looks on a white background.

Color Contrast Check

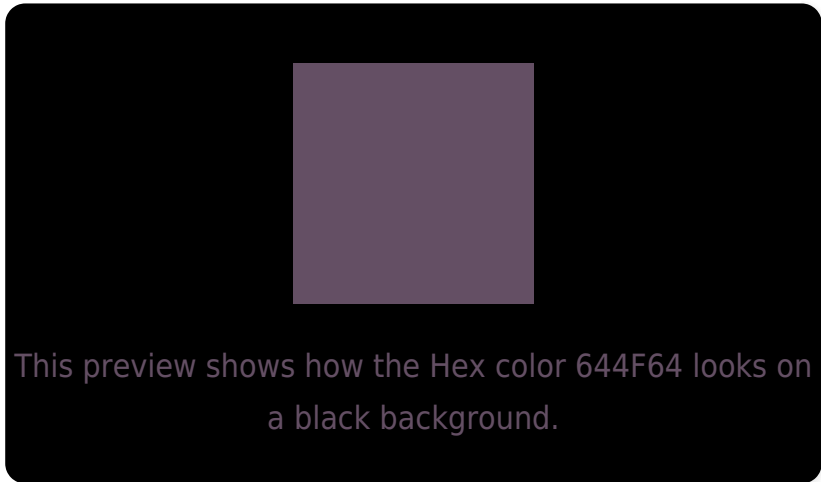
Large Text (above 18pt) WCAG AA ✓ Pass

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

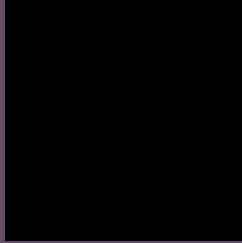
Any Text WCAG AA × Fail

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 644F64 Background



This preview shows how black text looks on a background with the Hex color 644F64.

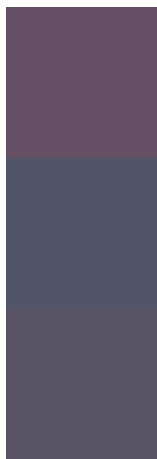


This preview shows how white text looks on a background with the Hex color 644F64.

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
644F64

Protanopia
525568

Deuteranopia
585463



Tritanopia
625158

Trichromacy



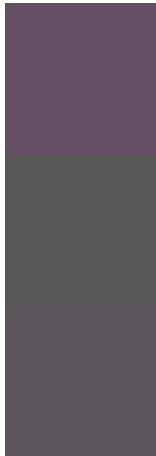
Original Color
644F64

Protanomaly
595367

Deuteranomaly
5C5263

Tritanomaly
63505C

Monochromacy



Original Color
644F64

Achromatopsia
585858

Achromatomaly
5C555C

CSS Examples

Text

The CSS property to change the color of the text to Hex 644F64 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 #644F64 looks like.

```
.text, #text, p{  
    color:#644F64  
}
```

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 #644F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644F64
}
```

Border

The CSS property to change the border of an element to Hex 644F64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

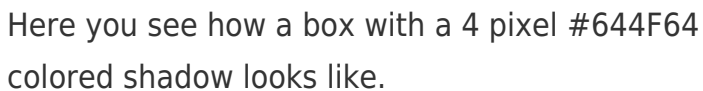
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644F64 }
```

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

```
.border{ border-color:#644F64 }
```

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



Here you see how a box with a 4 pixel #644F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644F64; -webkit-box-shadow:4px 4px  
4px 4px #644F64; box-shadow:4px 4px 4px  
4px #644F64 }
```

Background

The CSS property to change the background color of an element to Hex 644F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644F64 }
```

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

```
.background{ background-color:#644F64 }
```

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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