

Converting Colors

Hex(644C4D)

Have a look what the booklet for
Hex(644C4D) contains.

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Color

Hex(644C4D)

Conversions

Conversions Part 1

Format	Color
Hex	644C4D
RGB	100, 76, 77
RGB Percent	39%, 30%, 30%
CMY	0.6078, 0.7020, 0.6980
CMYK	0.00, 0.24, 0.23, 0.61
HSL	358°, 14%, 35%
HSV	358°, 24%, 39%
XYZ	9.1795, 8.4140, 8.1614
YIQ	83.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

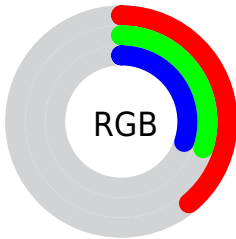
Format	Color
RYB	100, 76, 77
Decimal	6573133
CIELab	34.83, 10.30, 3.31
CIElCh	35, 10.824, 17.820
Yxy	8.4140, 0.3564, 0.3267
Android (android.graphics.Color)	4284763213 (0xFF644C4D)
YUV	83.2900, -3.1010, 14.6547
Hunter-Lab	29.0069, 5.7259, 3.6229




Details

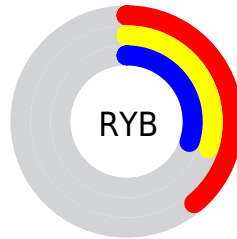
The Hex color **644C4D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C6463**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **977D7E**, and **352021** is the 20% darker color. If you saturate the color by 10%, you get **644243**, and if you desaturate by 10%, it is **645657**.

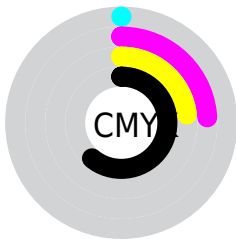
Distribution







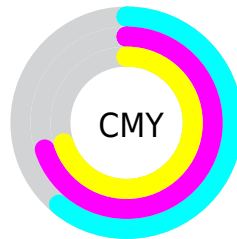
-  Red (39%)
-  Green (30%)
-  Blue (30%)






-  Red (39%)
-  Yellow (30%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (23%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (70%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644C4D 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 644C4D by changing the saturation by 10% instead.



644C4D



644C4D

FFFFFF



4C3536



977D7E



352021



B29798



20090A



CEB2B2



000000



EACDCE



FFE9EA



644C4D



644C4D



644243



645657



64383A



646060

642E30

646A6A

642427

647473

641A1D

647E7D

641013

648887

64060A

649290

640004

649C9A

64A6A3

Harmonies

Analogous

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



614C56



644C4D



624E45

Triad

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



644C4D



495546



445463

Complementary

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



644C4D



4C6463

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.



3C565E



644C4D



40574E

Square

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



644C4D



535341



3B5757



4F5162

Rectangle

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



644C4D



5E4F42



3B5757



415562

Sweetspot

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



644C4D



827979



634C64



423D3D



C2C2C2



424242

Same Dimension

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



644C4D



825C5E



64574C



332E2E



730005



F2000A

Inverse Universe

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



644C4D



825C5E



4C5964



332E2E



730005



F2000A

Previews

White Background



This preview shows how the Hex color 644C4D looks on a white background.

Color Contrast Check

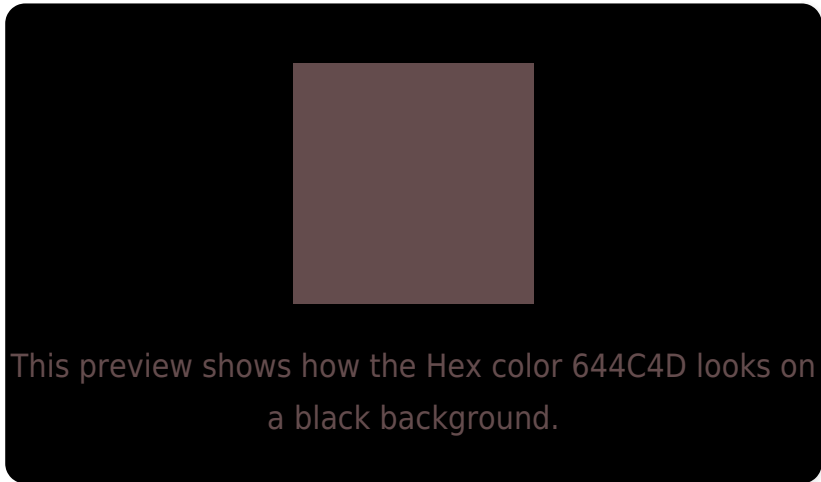
Large Text (above 18pt) WCAG AA ✓ Pass

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

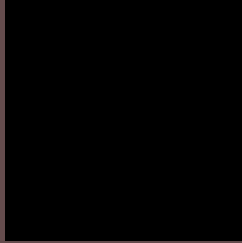
Any Text WCAG AA × Fail

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 644C4D Background



This preview shows how black text looks on a background with the Hex color 644C4D.

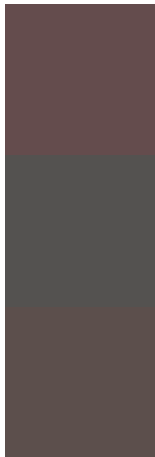


This preview shows how white text looks on a background with the Hex color 644C4D.

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
644C4D

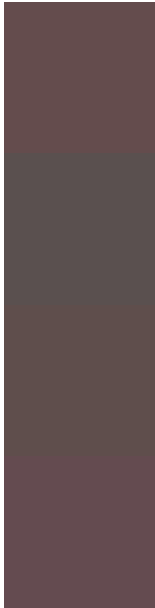
Protanopia
545250

Deuteranopia
5C4F4C



Tritanopia
644B51

Trichromacy



Original Color

644C4D

Protanomaly

5A504F

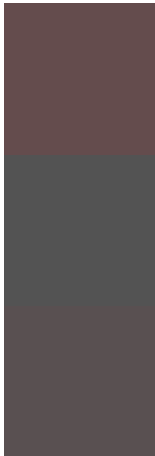
Deuteranomaly

5F4E4C

Tritanomaly

644B50

Monochromacy



Original Color

644C4D

Achromatopsia

535353

Achromatomaly

595051

CSS Examples

Text

The CSS property to change the color of the text to Hex 644C4D 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 #644C4D looks like.

```
.text, #text, p{  
    color:#644C4D  
}
```

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 #644C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644C4D
}
```

Border

The CSS property to change the border of an element to Hex 644C4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

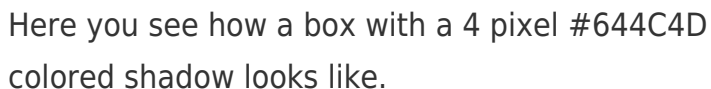
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644C4D }
```

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

```
.border{ border-color:#644C4D }
```

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



Here you see how a box with a 4 pixel #644C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644C4D; -webkit-box-shadow:4px 4px  
4px 4px #644C4D; box-shadow:4px 4px 4px  
4px #644C4D }
```

Background

The CSS property to change the background color of an element to Hex 644C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644C4D }
```

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

```
.background{ background-color:#644C4D }
```

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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