

Converting Colors

Hex(644F0C)

Have a look what the booklet for
Hex(644F0C) contains.

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Color

Hex(644F0C)

Conversions

Conversions Part 1

Format	Color
Hex	644F0C
RGB	100, 79, 12
RGB Percent	39%, 31%, 5%
CMY	0.6078, 0.6902, 0.9529
CMYK	0.00, 0.21, 0.88, 0.61
HSL	46°, 79%, 22%
HSV	46°, 88%, 39%
XYZ	8.1179, 8.3278, 1.5274
YIQ	77.6410, 34.0230, -16.3850

Conversions

Conversions Part 2

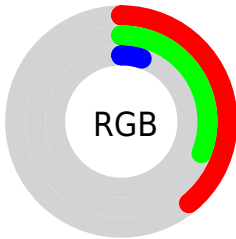
Format	Color
R_{YB}	40, 100, 12
Decimal	6573836
CIE Lab	34.66, 1.85, 39.10
CIE LCh	35, 39.148, 87.296
Yxy	8.3278, 0.4517, 0.4633
Android (android.graphics.Color)	4284763916 (0xFF644F0C)
YUV	77.6410, -32.3610, 19.6088
Hunter-Lab	28.8580, -0.2887, 17.0625

Details

The Hex color **644F0C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0C2164**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9A803E**, and **312300** is the 20% darker color. If you saturate the color by 10%, you get **644D02**, and if you desaturate by 10%, it is **645116**.

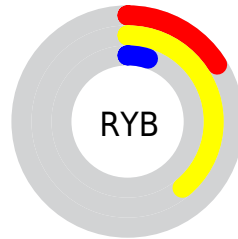
Distribution



Red (39%)

Green (31%)

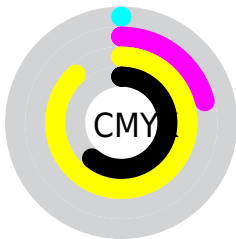
Blue (5%)



Red (16%)

Yellow (39%)

Blue (5%)

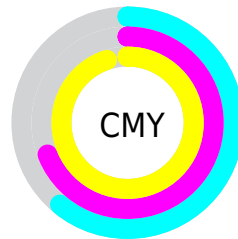


Cyan (0%)

Magenta (21%)

Yellow (88%)

Black (61%)



Cyan (61%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644F0C 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 644F0C by changing the saturation by 10% instead.



644F0C



644F0C



FFFFFF8



4B3800



9A803E



312300



B69A56



180E00



D3B46F



000000



F0D089



FFECA4



FFFFC0



FFFFDC



644F0C



644F0C

■ 644D02

■ 645116

■ 644C00

■ 645420

■ 64562A

■ 645934

■ 645B3E

■ 645D48

■ 646052

■ 64625C

■ 646466

Harmonies

Analogous

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



7B431D



644F0C



465815

Triad

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



644F0C



00606D



753D74

Complementary

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



644F0C



0C2164

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.



4D4A89



644F0C



005D86

Square

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



644F0C



00604E



005690



883456

Rectangle

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



644F0C



2B5C25



005690



6A417C

Sweetspot

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



644F0C



827A60



640C22



423D2E



C2C2C2



424242

Same Dimension

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



644F0C



826300



4E640C



33322E



735700



F2B800

Inverse Universe

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



0C2164



001F82



220C64



2E2F33



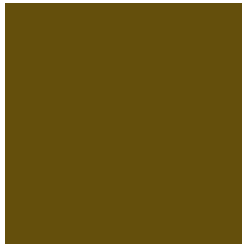
001B73



003AF2

Previews

White Background



This preview shows how the Hex color 644F0C looks on a white background.

Color Contrast Check

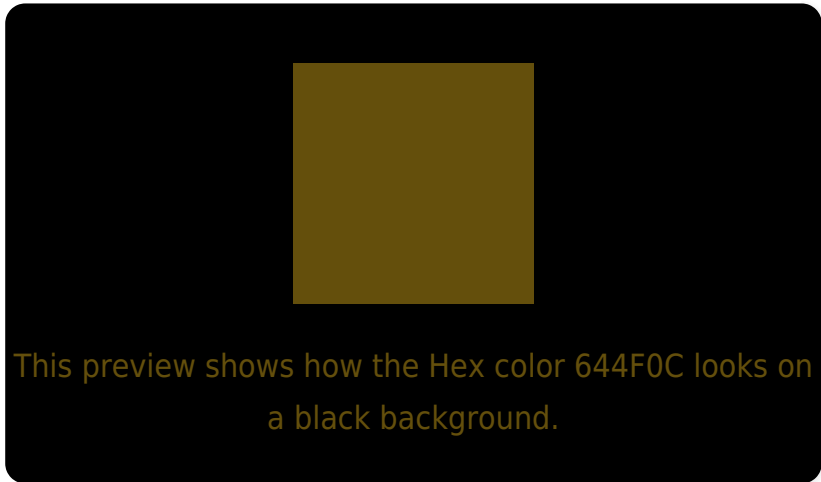
Large Text (above 18pt) WCAG AA ✓ Pass

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 644F0C Background



This preview shows how black text looks on a background with the Hex color 644F0C.



This preview shows how white text looks on a background with the Hex color 644F0C.

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](#).

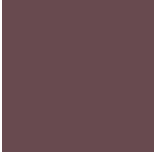
Dichromacy



Original Color
644F0C

Protanopia
5C520D

Deuteranopia
674E0D



Tritanopia
684A4F

Trichromacy



Original Color
644F0C

Protanomaly
5F510D

Deuteranomaly
664E0D

Tritanomaly
674C37

Monochromacy



Original Color
644F0C

Achromatopsia
4E4E4E

Achromatomaly
564E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 644F0C 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 #644F0C looks like.

```
.text, #text, p{  
    color:#644F0C  
}
```

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 #644F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644F0C
}
```

Border

The CSS property to change the border of an element to Hex 644F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

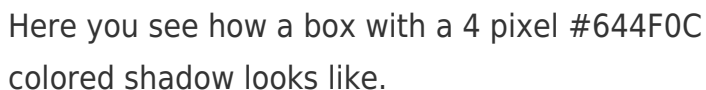
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644F0C }
```

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

```
.border{ border-color:#644F0C }
```

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



Here you see how a box with a 4 pixel #644F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644F0C; -webkit-box-shadow:4px 4px  
4px 4px #644F0C; box-shadow:4px 4px 4px  
4px #644F0C }
```

Background

The CSS property to change the background color of an element to Hex 644F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644F0C }
```

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

```
.background{ background-color:#644F0C }
```

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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