

# Converting Colors

Hex(644F26)

Have a look what the booklet for  
Hex(644F26) contains.

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# Color

**Hex(644F26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	644F26
RGB	100, 79, 38
RGB Percent	39%, 31%, 15%
CMY	0.6078, 0.6902, 0.8510
CMYK	0.00, 0.21, 0.62, 0.61
HSL	40°, 45%, 27%
HSV	40°, 62%, 39%
XYZ	8.4014, 8.4412, 3.0202
YIQ	80.6050, 25.6770, -8.2990

# Conversions

## Conversions Part 2

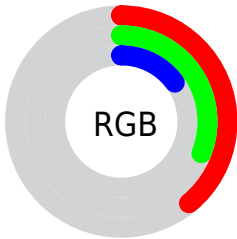
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 100, 38
Decimal	6573862
CIE Lab	34.89, 3.39, 27.19
CIE LCh	35, 27.402, 82.886
Yxy	8.4412, 0.4230, 0.4250
Android (android.graphics.Color)	4284763942 (0xFF644F26)
YUV	80.6050, -21.0043, 17.0094
Hunter-Lab	29.0538, 0.7720, 14.1743

# Details

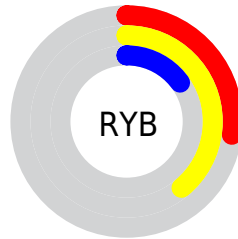
The Hex color **644F26** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **263B64**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **998054**, and **332300** is the 20% darker color. If you saturate the color by 10%, you get **644C1C**, and if you desaturate by 10%, it is **645230**.

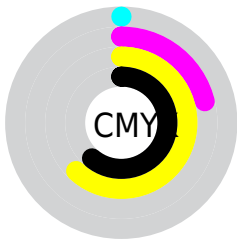
# Distribution



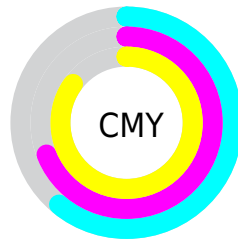
- Red (39%)
- Green (31%)
- Blue (15%)



- Red (27%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (21%)
- Yellow (62%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 644F26 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 644F26 by changing the saturation by 10% instead.





644F26



644F26

FFFFFF



4B3810



998054



332300



B49A6D



1B0E00



D0B587



000000



EDD0A1



FFECBC



FFFFD8



FFFFF5



644F26



644F26

■ 644C1C

■ 645230

■ 644812

■ 64563A

■ 644508

■ 645944

■ 644200

■ 645D4E

■ 646058

■ 646362

■ 64676C

■ 646A76

■ 646D80

# Harmonies

## Analogous

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



744730



644F26



4F5629

# Triad

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



644F26



005D62



68466D

# Complementary

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



644F26



263B64

# 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.



4C4E7A



644F26



005B74

# Square

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



644F26



0E5D4C



21567D



784158

# Rectangle

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



644F26



3E5931



21567D



604972



# Sweetspot

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



644F26



827A69



64263C



423D33



C2C2C2



424242



# Same Dimension

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



644F26



826122



5B6426



33312E



734C00



F2A000



# Inverse Universe

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



263B64



224282



2F2664



2E3033



002773



0052F2



# Previews

## White Background



This preview shows how the Hex color 644F26 looks on a white background.

## Color Contrast Check

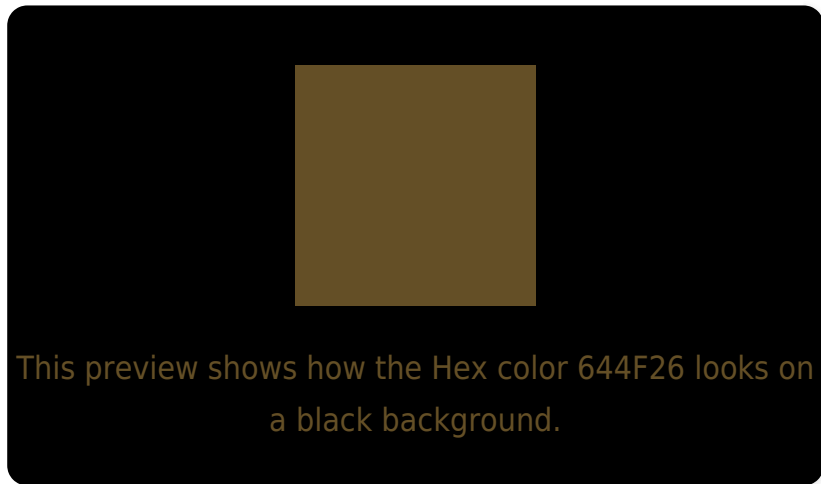
Large Text (above 18pt) WCAG AA ✓ Pass

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

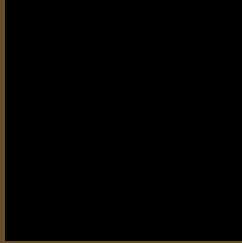
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 644F26 Background



This preview shows how black text looks on a background with the Hex color 644F26.



This preview shows how white text looks on a background with the Hex color 644F26.

# 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**  
644F26

**Protanopia**  
5B5227

**Deuteranopia**  
664E26



**Tritanopia**  
674A50

# Trichromacy



**Original Color**  
644F26

**Protanomaly**  
5E5127

**Deuteranomaly**  
654E26

**Tritanomaly**  
664C41

# Monochromacy



**Original Color**  
644F26

**Achromatopsia**  
515151

**Achromatomaly**  
585041

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 644F26 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 #644F26 looks like.

```
.text, #text, p{  
    color:#644F26  
}
```

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 #644F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644F26
}
```

## Border

The CSS property to change the border of an element to Hex 644F26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

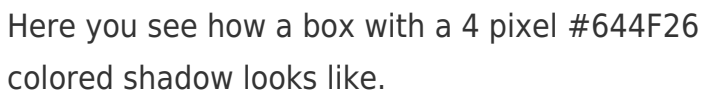
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644F26 }
```

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

```
.border{ border-color:#644F26 }
```

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



Here you see how a box with a 4 pixel #644F26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644F26; -webkit-box-shadow:4px 4px  
4px 4px #644F26; box-shadow:4px 4px 4px  
4px #644F26 }
```

# Background

The CSS property to change the background color of an element to Hex 644F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644F26 }
```

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

```
.background{ background-color:#644F26 }
```

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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