

Converting Colors

Hex(664A2F)

Have a look what the booklet for
Hex(664A2F) contains.

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Color

Hex(664A2F)

Conversions

Conversions Part 1

Format	Color
Hex	664A2F
RGB	102, 74, 47
RGB Percent	40%, 29%, 18%
CMY	0.6000, 0.7098, 0.8157
CMYK	0.00, 0.27, 0.54, 0.60
HSL	29°, 37%, 29%
HSV	29°, 54%, 40%
XYZ	8.4414, 7.9276, 3.7746
YIQ	79.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

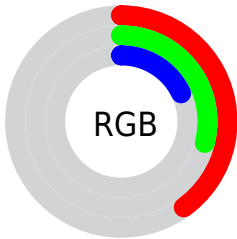
Format	Color
R_{YB}	102, 100, 47
Decimal	6703663
CIE _{Lab}	33.83, 8.29, 20.70
CIE _{LCh}	34, 22.301, 68.181
Yxy	7.9276, 0.4191, 0.3936
Android (android.graphics.Color)	4284893743 (0xFF664A2F)
YUV	79.2940, -15.9209, 19.9132
Hunter-Lab	28.1560, 4.2427, 11.7607

Details

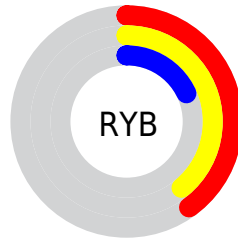
The Hex color **664A2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F4B66**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9B7B5D**, and **351E00** is the 20% darker color. If you saturate the color by 10%, you get **664525**, and if you desaturate by 10%, it is **664F39**.

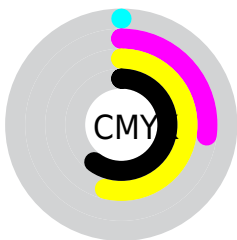
Distribution



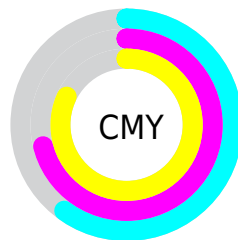
- Red (40%)
- Green (29%)
- Blue (18%)



- Red (40%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664A2F 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 664A2F by changing the saturation by 10% instead.



664A2F



664A2F

FFFFFF



4D331A



9B7B5D



351E00



B69476



1E0700



D2AF90



000000



EFCaab



FFE7C6



FFFfE2



664A2F



664A2F



664525



664F39

■ 66401B

■ 665443

■ 663A10

■ 665A4E

■ 663506

■ 665F58

■ 663200

■ 666462

■ 66696C

■ 666E76

■ 667481

■ 66798B

Harmonies

Analogous

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



70443B



664A2F



56502C

Triad

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



664A2F



135954



58496B

Complementary

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



664A2F



2F4B66

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.



3E5072



664A2F



005865

Square

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



664A2F



2D5842



1E5570



6A445D

Rectangle

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



664A2F



4A5330



1E5570



504B6F

Sweetspot

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



664A2F



857A6F



662F4B



423C36



C2C2C2



424242

Same Dimension

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



664A2F



85592E



66652F



33302E



733800



F27700

Inverse Universe

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



2F4B66



2E5A85



2F3066



2E3033



003A73



007BF2

Previews

White Background



This preview shows how the Hex color 664A2F looks on a white background.

Color Contrast Check

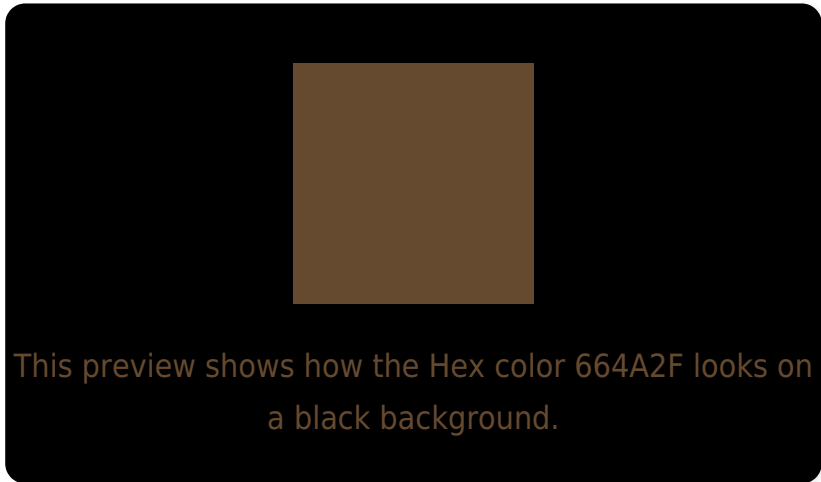
Large Text (above 18pt) WCAG AA ✓ Pass

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 664A2F Background



This preview shows how black text looks on a background with the Hex color 664A2F.



This preview shows how white text looks on a background with the Hex color 664A2F.

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
664A2F

Protanopia
575031

Deuteranopia
614C2F



Tritanopia
68464C

Trichromacy



Original Color
664A2F

Protanomaly
5C4E30

Deuteranomaly
634B2F

Tritanomaly
674741

Monochromacy



Original Color
664A2F

Achromatopsia
4F4F4F

Achromatomaly
574D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 664A2F 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 #664A2F looks like.

```
.text, #text, p{  
  color:#664A2F  
}
```

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 #664A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664A2F
}
```

Border

The CSS property to change the border of an element to Hex 664A2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

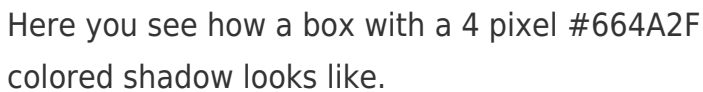
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664A2F }
```

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

```
.border{ border-color:#664A2F }
```

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



Here you see how a box with a 4 pixel #664A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664A2F; -webkit-box-shadow:4px 4px  
4px 4px #664A2F; box-shadow:4px 4px 4px  
4px #664A2F }
```

Background

The CSS property to change the background color of an element to Hex 664A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664A2F }
```

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

```
.background{ background-color:#664A2F }
```

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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