

Converting Colors

Hex(6F4032)

Have a look what the booklet for
Hex(6F4032) contains.

Hex(6F4032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F4032)

Conversions

Conversions Part 1

Format	Color
Hex	6F4032
RGB	111, 64, 50
RGB Percent	44%, 25%, 20%
CMY	0.5647, 0.7490, 0.8039
CMYK	0.00, 0.42, 0.55, 0.56
HSL	14°, 38%, 32%
HSV	14°, 55%, 44%
XYZ	8.9647, 7.2766, 3.9496
YIQ	76.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

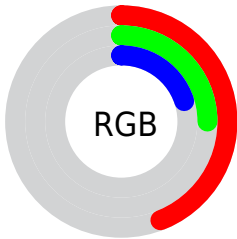
Format	Color
R_{YB}	111, 68, 50
Decimal	7290930
CIE _{Lab}	32.43, 18.85, 17.29
CIE _{LCh}	32, 25.583, 42.524
Yxy	7.2766, 0.4440, 0.3604
Android (android.graphics.Color)	4285481010 (0xFF6F4032)
YUV	76.4570, -13.0433, 30.2942
Hunter-Lab	26.9752, 12.1145, 10.2015

Details

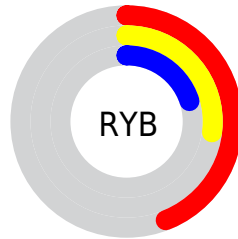
The Hex color **6F4032** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32616F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A57060**, and **3C1404** is the 20% darker color. If you saturate the color by 10%, you get **6F3727**, and if you desaturate by 10%, it is **6F493D**.

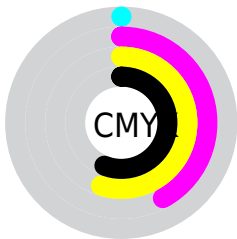
Distribution



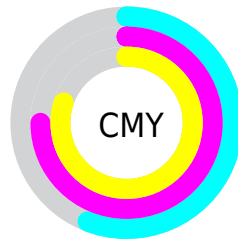
- Red (44%)
- Green (25%)
- Blue (20%)



- Red (44%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (55%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F4032 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 6F4032 by changing the saturation by 10% instead.

 6F4032

 6F4032

FFFFFF

 55291D


 A57060

 3C1404

 C18A79

 260000

 DEA493

 000000

 FBC0AE

 FFDCC9

 FFF8E5

 6F4032

 6F4032

 6F3727

 6F493D

■ 6F2F1C

■ 6F5148

■ 6F2611

■ 6F5A53

■ 6F1E06

■ 6F625E

■ 6F1900

■ 6F6B6A

■ 6F7375

■ 6F7C80

■ 6F848B

■ 6F8D96

Harmonies

Analogous

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



733C45



6F4032



634726

Triad

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



6F4032



1E5640



3B4B73

Complementary

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



6F4032



32616F

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.



0A5272



6F4032



005754

Square

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



6F4032



3A532E



005567



59446A

Rectangle

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



6F4032



574C23



005567



2F4E74

Sweetspot

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



6F4032



917F7A



6F3262



4A3F3C



C9C9C9



4A4A4A

Same Dimension

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



6F4032



914731



6F5E32



383432



781C00



F73900

Inverse Universe

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



32616F



317B91



32436F



323738



005C78



00BFF7

Previews

White Background



This preview shows how the Hex color 6F4032 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 6F4032 Background



This preview shows how black text looks on a background with the Hex color 6F4032.

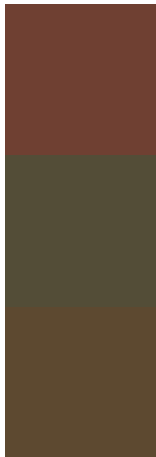


This preview shows how white text looks on a background with the Hex color 6F4032.

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
6F4032

Protanopia
534D37

Deuteranopia
5D4930



Tritanopia
703E42

Trichromacy



Original Color
6F4032

Protanomaly
5D4835

Deuteranomaly
644631

Tritanomaly
703F3C

Monochromacy



Original Color
6F4032

Achromatopsia
4C4C4C

Achromatomaly
594843

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F4032 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 #6F4032 looks like.

```
.text, #text, p{  
    color:#6F4032  
}
```

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 #6F4032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4032
}
```

Border

The CSS property to change the border of an element to Hex 6F4032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

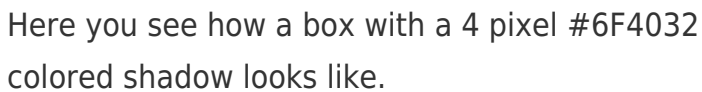
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4032 }
```

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

```
.border{ border-color:#6F4032 }
```

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



Here you see how a box with a 4 pixel #6F4032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4032; -webkit-box-shadow:4px 4px  
4px 4px #6F4032; box-shadow:4px 4px 4px  
4px #6F4032 }
```

Background

The CSS property to change the background color of an element to Hex 6F4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4032 }
```

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

```
.background{ background-color:#6F4032 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor