

Converting Colors

Hex(6B4D2F)

Have a look what the booklet for
Hex(6B4D2F) contains.

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Color

Hex(6B4D2F)

Conversions

Conversions Part 1

Format	Color
Hex	6B4D2F
RGB	107, 77, 47
RGB Percent	42%, 30%, 18%
CMY	0.5804, 0.6980, 0.8157
CMYK	0.00, 0.28, 0.56, 0.58
HSL	30°, 39%, 30%
HSV	30°, 56%, 42%
XYZ	9.2304, 8.6388, 3.8703
YIQ	82.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

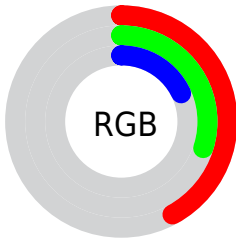
Format	Color
R _Y B	107, 107, 47
Decimal	7032111
CIE Lab	35.28, 8.79, 22.65
CIE LCh	35, 24.300, 68.785
Yxy	8.6388, 0.4246, 0.3974
Android (android.graphics.Color)	4285222191 (0xFF6B4D2F)
YUV	82.5500, -17.5261, 21.4427
Hunter-Lab	29.3918, 4.6215, 12.7670

Details

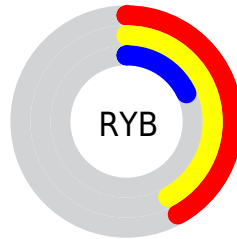
The Hex color **6B4D2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F4D6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A07E5E**, and **392100** is the 20% darker color. If you saturate the color by 10%, you get **6B4824**, and if you desaturate by 10%, it is **6B523A**.

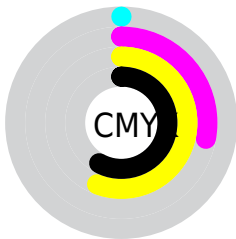
Distribution



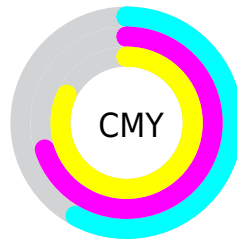
- Red (42%)
- Green (30%)
- Blue (18%)



- Red (42%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4D2F 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 6B4D2F by changing the saturation by 10% instead.

 6B4D2F

 6B4D2F

FFFFFF

 523619

 A07E5E

 392100

 BC9876

 220B00

 D8B390

 000000

 F5CEAB

 FFEAC6

 FFFFE2

 6B4D2F

 6B4D2F

 6B4824

 6B523A

■ 6B421A

■ 6B5844

■ 6B3D0F

■ 6B5D4F

■ 6B3804

■ 6B625A

■ 6B3500

■ 6B6865

■ 6B6D6F

■ 6B727A

■ 6B7885

■ 6B7D8F

Harmonies

Analogous

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



76473C



6B4D2F



5A542C

Triad

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



6B4D2F



095D58



5C4C71

Complementary

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



6B4D2F



2F4D6B

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.



3F5379



6B4D2F



005C6B

Square

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



6B4D2F



2C5C44



195977



704661

Rectangle

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



6B4D2F



4C5730



195977



544E75

Sweetspot

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



6B4D2F



8C8074



6B2F4D



474039



C7C7C7



474747

Same Dimension

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



6B4D2F



8C5D2E



6B6A2F



363330



753B00



F57A00

Inverse Universe

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



2F4D6B



2E5D8C



2F2F6B



303336



003B75



007AF5

Previews

White Background



This preview shows how the Hex color 6B4D2F looks on a white background.

Color Contrast Check

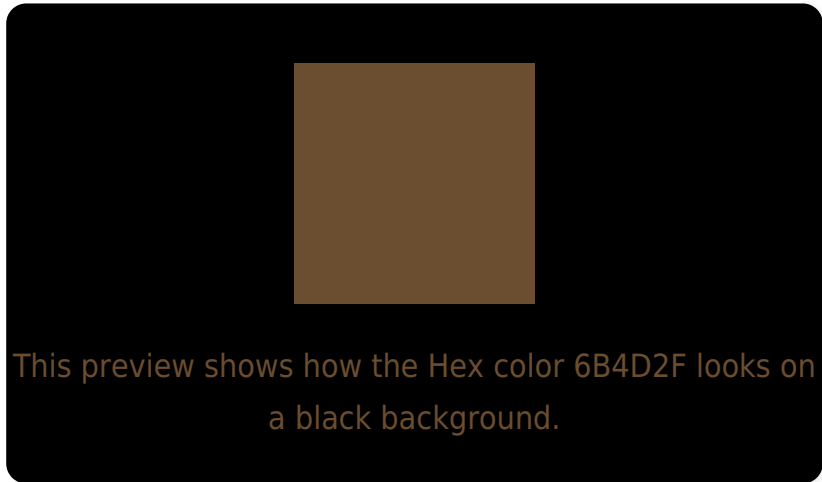
Large Text (above 18pt) WCAG AA ✓ Pass

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

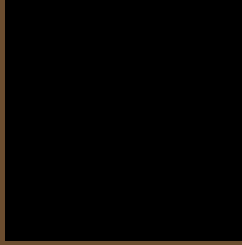
Any Text WCAG AA × Fail

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 6B4D2F Background



This preview shows how black text looks on a background with the Hex color 6B4D2F.

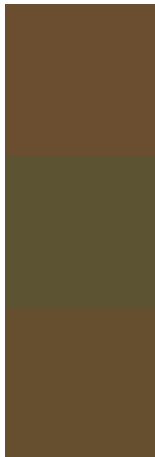


This preview shows how white text looks on a background with the Hex color 6B4D2F.

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
6B4D2F

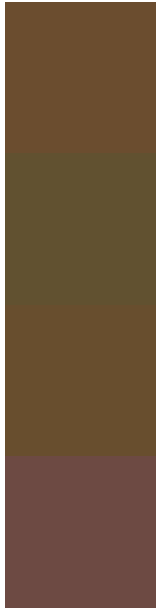
Protanopia
5B5331

Deuteranopia
664F2E



Tritanopia
6E494F

Trichromacy



Original Color
6B4D2F

Protanomaly
615130

Deuteranomaly
684E2E

Tritanomaly
6D4A43

Monochromacy



Original Color
6B4D2F

Achromatopsia
535353

Achromatomaly
5C5146

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4D2F 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 #6B4D2F looks like.

```
.text, #text, p{  
    color:#6B4D2F  
}
```

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 #6B4D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4D2F
}
```

Border

The CSS property to change the border of an element to Hex 6B4D2F 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
#6B4D2F }
```

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

```
.border{ border-color:#6B4D2F }
```

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

Here you see how a box with a 4 pixel #6B4D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4D2F; -webkit-box-shadow:4px 4px  
4px 4px #6B4D2F; box-shadow:4px 4px 4px  
4px #6B4D2F }
```

Background

The CSS property to change the background color of an element to Hex 6B4D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4D2F }
```

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

```
.background{ background-color:#6B4D2F }
```

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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