

Converting Colors

Hex(6B4332)

Have a look what the booklet for
Hex(6B4332) contains.

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Color

Hex(6B4332)

Conversions

Conversions Part 1

Format	Color
Hex	6B4332
RGB	107, 67, 50
RGB Percent	42%, 26%, 20%
CMY	0.5804, 0.7373, 0.8039
CMYK	0.00, 0.37, 0.53, 0.58
HSL	18°, 36%, 31%
HSV	18°, 53%, 42%
XYZ	8.6463, 7.3704, 3.9845
YIQ	77.0220, 29.2970, 3.1930

Conversions

Conversions Part 2

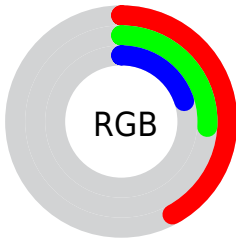
Format	Color
RYB	107, 74, 50
Decimal	7029554
CIELab	32.64, 15.23, 17.45
CIELCh	33, 23.168, 48.885
Yxy	7.3704, 0.4323, 0.3685
Android (android.graphics.Color)	4285219634 (0xFF6B4332)
YUV	77.0220, -13.3218, 26.2907
Hunter-Lab	27.1485, 9.3391, 10.3021

Details

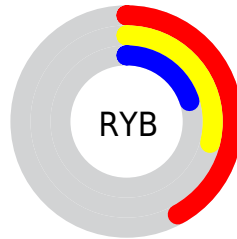
The Hex color **6B4332** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **325A6B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A07360**, and **391704** is the 20% darker color. If you saturate the color by 10%, you get **6B3B27**, and if you desaturate by 10%, it is **6B4B3D**.

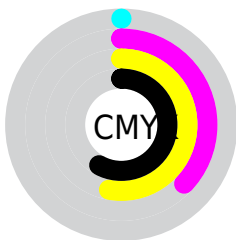
Distribution



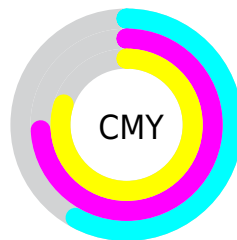
- Red (42%)
- Green (26%)
- Blue (20%)



- Red (42%)
- Yellow (29%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (53%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B4332 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 6B4332 by changing the saturation by 10% instead.

 6B4332

 6B4332

FFFFFF

 512D1D

 A07360

 391704

 BC8D79

 230000

 D9A793

 000000

 F6C3AE

 FFD9C9

 FFFBE5

 6B4332

 6B4332

 6B3B27

 6B4B3D

■ 6B341D

■ 6B5247

■ 6B2C12

■ 6B5A52

■ 6B2507

■ 6B615D

■ 6B2000

■ 6B6968

■ 6B7072

■ 6B787D

■ 6B7F88

■ 6B8792

Harmonies

Analogous

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



703F42



6B4332



5E4929

Triad

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



6B4332



1F5645



444B6F

Complementary

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



6B4332



325A6B

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.



245170



6B4332



005658

Square

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



6B4332



385434



005568



5D4465

Rectangle

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



6B4332



534D28



005568



3A4D71

Sweetspot

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



6B4332



8C7D76



6B325B



473E3A



C7C7C7



474747

Same Dimension

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



6B4332



8C4D32



6B5F32



363230



752300



F54900

Inverse Universe

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



325A6B



32718C



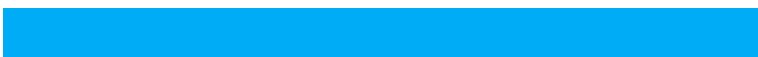
323E6B



303436



005275



00ACF5

Previews

White Background



This preview shows how the Hex color 6B4332 looks on a white background.

Color Contrast Check

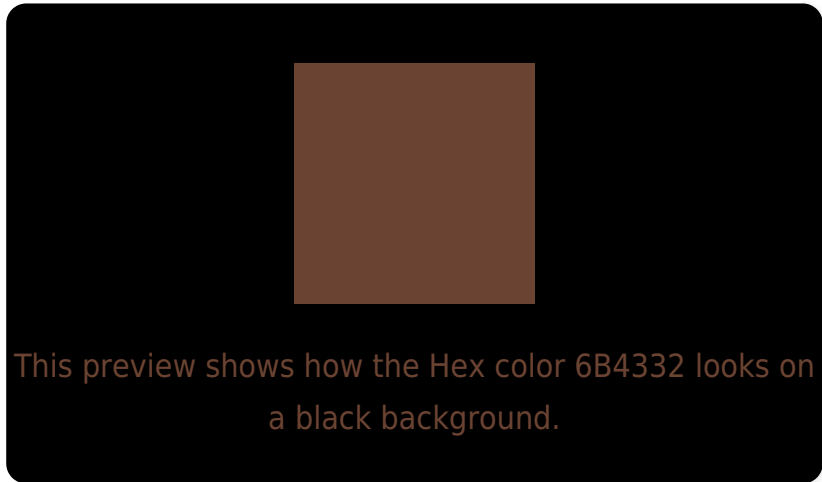
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4332 Background



This preview shows how black text looks on a background with the Hex color 6B4332.

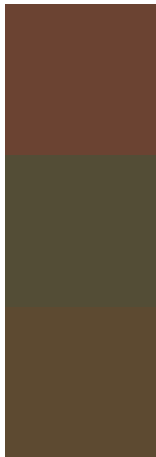


This preview shows how white text looks on a background with the Hex color 6B4332.

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
6B4332

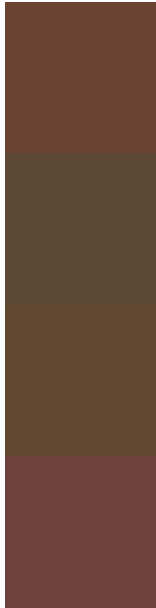
Protanopia
534D36

Deuteranopia
5D4A31



Tritanopia
6C4045

Trichromacy



Original Color
6B4332

Protanomaly
5C4935

Deuteranomaly
624731

Tritanomaly
6C413E

Monochromacy



Original Color
6B4332

Achromatopsia
4D4D4D

Achromatomaly
584943

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4332 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 #6B4332 looks like.

```
.text, #text, p{  
    color:#6B4332  
}
```

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 #6B4332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4332
}
```

Border

The CSS property to change the border of an element to Hex 6B4332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

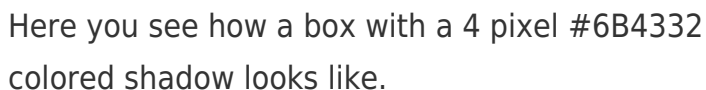
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4332 }
```

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

```
.border{ border-color:#6B4332 }
```

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



Here you see how a box with a 4 pixel #6B4332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4332; -webkit-box-shadow:4px 4px  
4px 4px #6B4332; box-shadow:4px 4px 4px  
4px #6B4332 }
```

Background

The CSS property to change the background color of an element to Hex 6B4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4332 }
```

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

```
.background{ background-color:#6B4332 }
```

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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