

Converting Colors

Hex(6B4E21)

Have a look what the booklet for
Hex(6B4E21) contains.

Hex(6B4E21)	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(6B4E21)

Conversions

Conversions Part 1

Format	Color
Hex	6B4E21
RGB	107, 78, 33
RGB Percent	42%, 31%, 13%
CMY	0.5804, 0.6941, 0.8706
CMYK	0.00, 0.27, 0.69, 0.58
HSL	36°, 53%, 27%
HSV	36°, 69%, 42%
XYZ	9.0623, 8.6844, 2.6375
YIQ	81.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

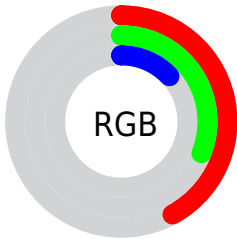
Format	Color
R_{YB}	81, 107, 33
Decimal	7032353
CIE Lab	35.37, 7.00, 30.70
CIE LCh	35, 31.488, 77.152
Yxy	8.6844, 0.4446, 0.4260
Android (android.graphics.Color)	4285222433 (0xFF6B4E21)
YUV	81.5410, -23.9307, 22.3275
Hunter-Lab	29.4693, 3.3206, 15.3221

Details

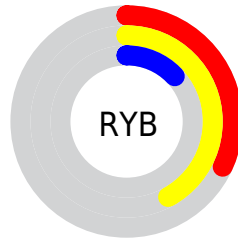
The Hex color **6B4E21** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **213E6B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A17F4F**, and **392200** is the 20% darker color. If you saturate the color by 10%, you get **6B4A16**, and if you desaturate by 10%, it is **6B522C**.

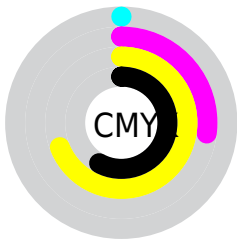
Distribution



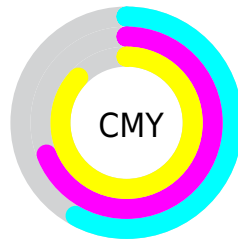
- Red (42%)
- Green (31%)
- Blue (13%)



- Red (32%)
- Yellow (42%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (69%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B4E21 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 6B4E21 by changing the saturation by 10% instead.

 6B4E21

 6B4E21

FFFFFF

 51370A

 A17F4F

 392200

 BD9968

 200D00

 D9B481

 000000

 F7CF9C

 FFEBB7

 FFFFD3

 FFFFEE

 6B4E21

 6B4E21

■ 6B4A16

■ 6B522C

■ 6B460C

■ 6B5636

■ 6B4101

■ 6B5B41

■ 6B4100

■ 6B5F4C

■ 6B6356

■ 6B6761

■ 6B6B6C

■ 6B7077

■ 6B7481

Harmonies

Analogous

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



7C452F



6B4E21



545621

Triad

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



6B4E21



006061



674776

Complementary

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



6B4E21



213E6B

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.



435183



6B4E21



005E77

Square

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



6B4E21



025F47



005984



7C3F5F

Rectangle

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



6B4E21



415A29



005984



5D4A7B

Sweetspot

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



6B4E21



8C816F



6B213F



474036



C7C7C7



474747

Same Dimension

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



6B4E21



8C5F18



646B21



363330



754700



F59500

Inverse Universe

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



213E6B



18458C



28216B



303236



002E75



0060F5

Previews

White Background



This preview shows how the Hex color 6B4E21 looks on a white background.

Color Contrast Check

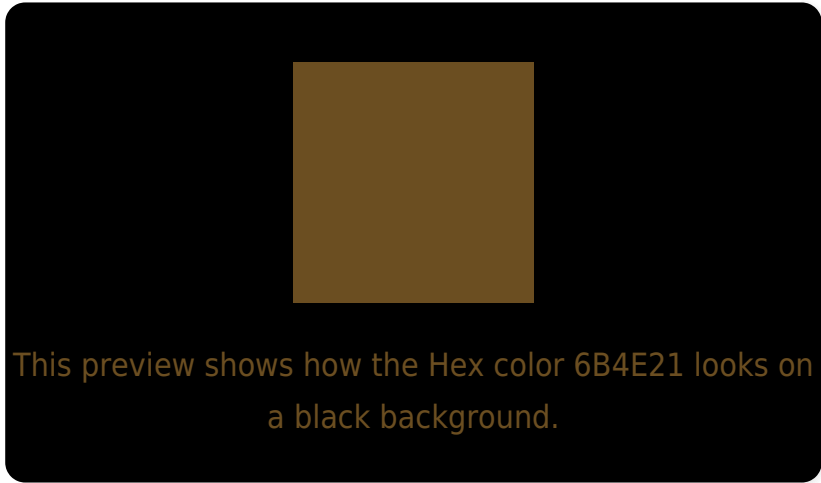
Large Text (above 18pt) WCAG AA ✓ Pass

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

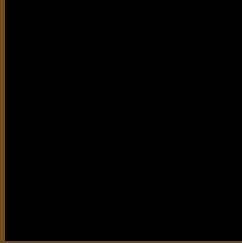
Any Text WCAG AA × Fail

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 6B4E21 Background



This preview shows how black text looks on a background with the Hex color 6B4E21.



This preview shows how white text looks on a background with the Hex color 6B4E21.

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
6B4E21

Protanopia
5D5423

Deuteranopia
684F21



Tritanopia
6E494F

Trichromacy



Original Color
6B4E21

Protanomaly
625222

Deuteranomaly
694F21

Tritanomaly
6D4B3E

Monochromacy



Original Color
6B4E21

Achromatopsia
525252

Achromatomaly
5B5140

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4E21 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 #6B4E21 looks like.

```
.text, #text, p{  
    color:#6B4E21  
}
```

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 #6B4E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4E21
}
```

Border

The CSS property to change the border of an element to Hex 6B4E21 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
#6B4E21 }
```

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

```
.border{ border-color:#6B4E21 }
```

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

Here you see how a box with a 4 pixel #6B4E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4E21; -webkit-box-shadow:4px 4px  
4px 4px #6B4E21; box-shadow:4px 4px 4px  
4px #6B4E21 }
```

Background

The CSS property to change the background color of an element to Hex 6B4E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4E21 }
```

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

```
.background{ background-color:#6B4E21 }
```

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