

Converting Colors

Hex(6B5228)

Have a look what the booklet for
Hex(6B5228) contains.

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Color

Hex(6B5228)

Conversions

Conversions Part 1

Format	Color
Hex	6B5228
RGB	107, 82, 40
RGB Percent	42%, 32%, 16%
CMY	0.5804, 0.6784, 0.8431
CMYK	0.00, 0.23, 0.63, 0.58
HSL	38°, 46%, 29%
HSV	38°, 63%, 42%
XYZ	9.4637, 9.3136, 3.3064
YIQ	84.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

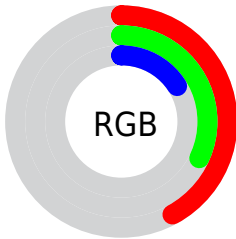
Format	Color
R_{YB}	80, 107, 40
Decimal	7033384
CIE Lab	36.58, 5.10, 28.26
CIE LCh	37, 28.717, 79.766
Yxy	9.3136, 0.4285, 0.4217
Android (android.graphics.Color)	4285223464 (0xFF6B5228)
YUV	84.6870, -22.0307, 19.5685
Hunter-Lab	30.5182, 1.9461, 14.9391

Details

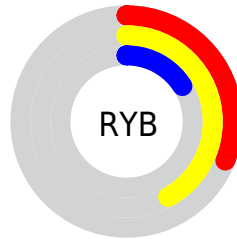
The Hex color **6B5228** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28416B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A08357**, and **3A2500** is the 20% darker color. If you saturate the color by 10%, you get **6B4E1D**, and if you desaturate by 10%, it is **6B5633**.

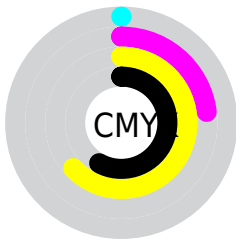
Distribution



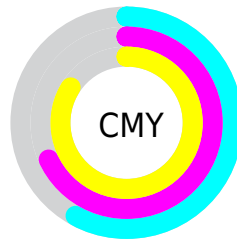
- Red (42%)
- Green (32%)
- Blue (16%)



- Red (31%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5228 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 6B5228 by changing the saturation by 10% instead.



6B5228



6B5228

FFFFFF



513B12



A08357



3A2500



BC9D6F



211100



D9B889



000000



F6D4A4



FFF0BF



FFFFDB



FFFFF7



6B5228



6B5228

■ 6B4E1D

■ 6B5633

■ 6B4A13

■ 6B5A3D

■ 6B4608

■ 6B5E48

■ 6B4300

■ 6B6253

■ 6B665E

■ 6B6A68

■ 6B6E73

■ 6B727E

■ 6B7688

Harmonies

Analogous

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



7B4A34



6B5228



555929

Triad

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



6B5228



006265



6B4A74

Complementary

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



6B5228



28416B

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.



4C5381



6B5228



006079

Square

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



6B5228



13614D



1A5B83



7D445F

Rectangle

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



6B5228



445D31



1A5B83



624D7A

Sweetspot

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



6B5228



8C8272



6B2842



474137



C7C7C7



474747

Same Dimension

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



6B5228



8C6523



636B28



363430



754A00



F59900

Inverse Universe

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



28416B



234A8C



30286B



303236



002C75



005BF5

Previews

White Background



This preview shows how the Hex color 6B5228 looks on a white background.

Color Contrast Check

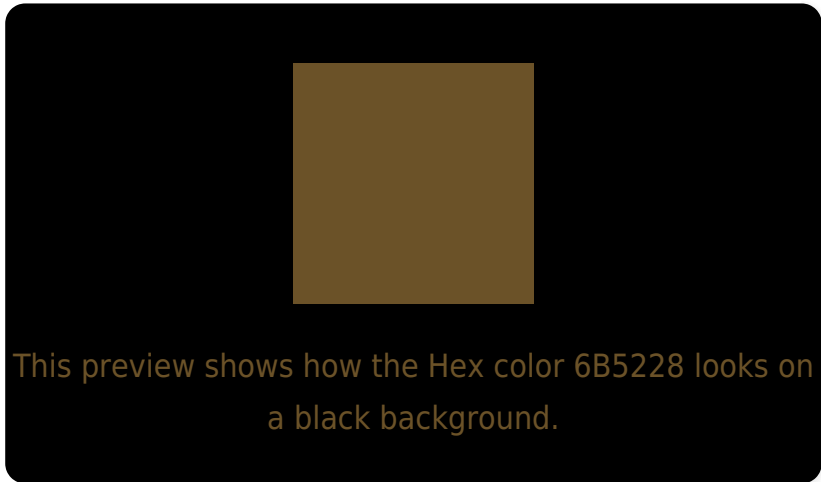
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5228 Background



This preview shows how black text looks on a background with the Hex color 6B5228.



This preview shows how white text looks on a background with the Hex color 6B5228.

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
6B5228

Protanopia
605629

Deuteranopia
6B5228



Tritanopia
6E4D53

Trichromacy



Original Color
6B5228

Protanomaly
645529

Deuteranomaly
6B5228

Tritanomaly
6D4F43

Monochromacy



Original Color
6B5228

Achromatopsia
555555

Achromatomaly
5D5445

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5228 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 #6B5228 looks like.

```
.text, #text, p{  
    color:#6B5228  
}
```

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 #6B5228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5228
}
```

Border

The CSS property to change the border of an element to Hex 6B5228 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
#6B5228 }
```

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

```
.border{ border-color:#6B5228 }
```

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

Here you see how a box with a 4 pixel #6B5228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5228; -webkit-box-shadow:4px 4px  
4px 4px #6B5228; box-shadow:4px 4px 4px  
4px #6B5228 }
```

Background

The CSS property to change the background color of an element to Hex 6B5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5228 }
```

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

```
.background{ background-color:#6B5228 }
```

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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