

# Converting Colors

Hex(6B7420)

Have a look what the booklet for  
Hex(6B7420) contains.

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**Color**

**Hex(6B7420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7420
RGB	107, 116, 32
RGB Percent	42%, 45%, 13%
CMY	0.5804, 0.5451, 0.8745
CMYK	0.08, 0.00, 0.72, 0.55
HSL	66°, 57%, 29%
HSV	66°, 72%, 45%
XYZ	12.5695, 15.7209, 3.7384
YIQ	103.7330, 21.6000, -28.0320

# Conversions

## Conversions Part 2

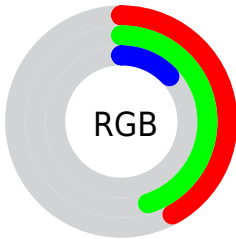
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 116, 41
Decimal	7042080
CIE <sub>Lab</sub>	46.61, -15.11, 42.94
CIE <sub>LCh</sub>	47, 45.520, 109.392
Yxy	15.7209, 0.3924, 0.4908
Android (android.graphics.Color)	4285232160 (0xFF6B7420)
YUV	103.7330, -35.3644, 2.8652
Hunter-Lab	39.6495, -12.7995, 22.1644

# Details

The Hex color **6B7420** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **292074**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A1A852**, and **394400** is the 20% darker color. If you saturate the color by 10%, you get **6A7414**, and if you desaturate by 10%, it is **6C742C**.

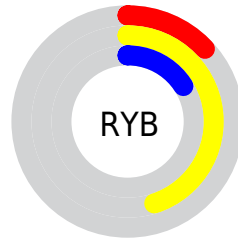
# Distribution



Red (42%)

Green (45%)

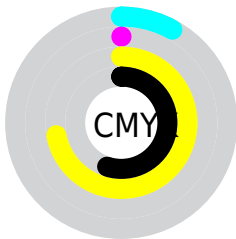
Blue (13%)



Red (13%)

Yellow (45%)

Blue (16%)

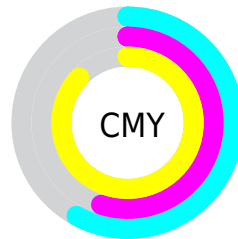


Cyan (8%)

Magenta (0%)

Yellow (72%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7420 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 6B7420 by changing the saturation by 10% instead.





6B7420



6B7420

FFFFFF



515B02



A1A852



394400



BCC36C



202E00



D9DF86



001A00



F6FCA1



000000



FFFFBC



FFFFD8



FFFFF5



6B7420



6B7420

■ 6A7414

■ 6C742C

■ 697409

■ 6D7437

■ 687400

■ 6F7443

■ 70744E

■ 71745A

■ 727466

■ 747471

■ 75747D

■ 767488

# Harmonies

## Analogous

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



8E681F



6B7420



3D7C3A

# Triad

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



6B7420



007EA8



AD4D7E

# Complementary

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



6B7420



292074

# 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.



8F5AA1



6B7420



0077B9

# Square

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



6B7420



008187



576AB7



B44D57

# Rectangle

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



6B7420



007F52



576AB7



A6508A



# Sweetspot

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



6B7420



939675



742820



4A4D39



CCCCCC



4D4D4D



# Same Dimension

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



6B7420



889614



427420



3A3B35



6D7A00



DFFA00



# Inverse Universe

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



292074



221496



522074



35353B



0D007A



1B00FA



# Previews

## White Background



This preview shows how the Hex color 6B7420 looks on a white background.

## Color Contrast Check

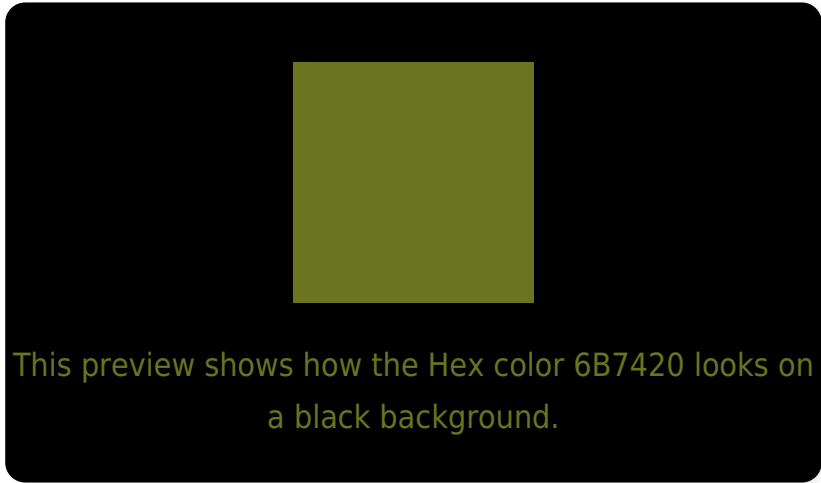
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

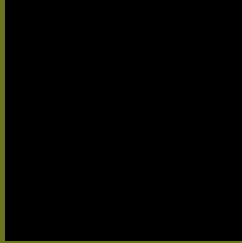
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B7420 Background



This preview shows how black text looks on a background with the Hex color 6B7420.



This preview shows how white text looks on a background with the Hex color 6B7420.

# 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**  
6B7420

**Protanopia**  
7C6F1F

**Deuteranopia**  
8A6924



**Tritanopia**  
736C75

# Trichromacy



**Original Color**  
6B7420

**Protanomaly**  
76711F

**Deuteranomaly**  
7F6D23

**Tritanomaly**  
706F56

# Monochromacy



**Original Color**  
6B7420

**Achromatopsia**  
686868

**Achromatomaly**  
696C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7420 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 #6B7420 looks like.

```
.text, #text, p{  
    color:#6B7420  
}
```

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 #6B7420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7420
}
```

## Border

The CSS property to change the border of an element to Hex 6B7420 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
#6B7420 }
```

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

```
.border{ border-color:#6B7420 }
```

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

Here you see how a box with a 4 pixel #6B7420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7420; -webkit-box-shadow:4px 4px  
4px 4px #6B7420; box-shadow:4px 4px 4px  
4px #6B7420 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7420 }
```

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

```
.background{ background-color:#6B7420 }
```

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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