

Converting Colors

Hex(6B7821)

Have a look what the booklet for
Hex(6B7821) contains.

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Color

Hex(6B7821)

Conversions

Conversions Part 1

Format	Color
Hex	6B7821
RGB	107, 120, 33
RGB Percent	42%, 47%, 13%
CMY	0.5804, 0.5294, 0.8706
CMYK	0.11, 0.00, 0.72, 0.53
HSL	69°, 57%, 30%
HSV	69°, 72%, 47%
XYZ	13.0544, 16.6685, 3.9682
YIQ	106.1950, 20.1790, -29.8130

Conversions

Conversions Part 2

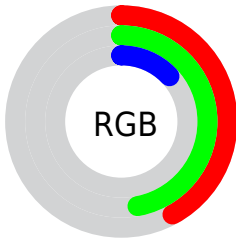
Format	Color
R_{YB}	33, 120, 46
Decimal	7043105
CIE _{Lab}	47.84, -17.20, 43.76
CIE _{LCh}	48, 47.017, 111.454
Yxy	16.6685, 0.3875, 0.4947
Android (android.graphics.Color)	4285233185 (0xFF6B7821)
YUV	106.1950, -36.0851, 0.7060
Hunter-Lab	40.8271, -14.3725, 22.8164

Details

The Hex color **6B7821** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2E2178**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A1AC53**, and **394800** is the 20% darker color. If you saturate the color by 10%, you get **697815**, and if you desaturate by 10%, it is **6D782D**.

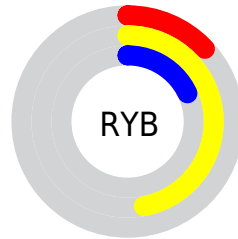
Distribution



Red (42%)

Green (47%)

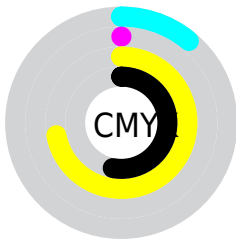
Blue (13%)



Red (13%)

Yellow (47%)

Blue (18%)

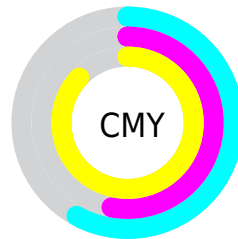


Cyan (11%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7821 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 6B7821 by changing the saturation by 10% instead.



6B7821



6B7821

FFFFFF



515F03



A1AC53



394800



BDC86D



203100



D9E487



001D00



F6FFA2



000000



FFFFBE



FFFFDA



FFFFF7



6B7821



6B7821

■ 697815

■ 6D782D

■ 677809

■ 6F7839

■ 667800

■ 707845

■ 727851

■ 74785D

■ 767869

■ 787875

■ 797881

■ 7B788D

Harmonies

Analogous

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



906C1D



6B7821



3A803E

Triad

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



6B7821



0081AF



B44E7F

Complementary

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



6B7821



2E2178

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.



975BA3



6B7821



0079C0

Square

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



6B7821



00858D



5E6CBC



BA4F57

Rectangle

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



6B7821



008357



5E6CBC



AD518C

Sweetspot

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



6B7821



969C79



782D21



4C4F3A



CFCFCF



4F4F4F

Same Dimension

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



6B7821



879C14



417821



3C3D37



6A7D00



D7FC00

Inverse Universe

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



2E2178



28149C



582178



38373D



13007D



2600FC

Previews

White Background



This preview shows how the Hex color 6B7821 looks on a white background.

Color Contrast Check

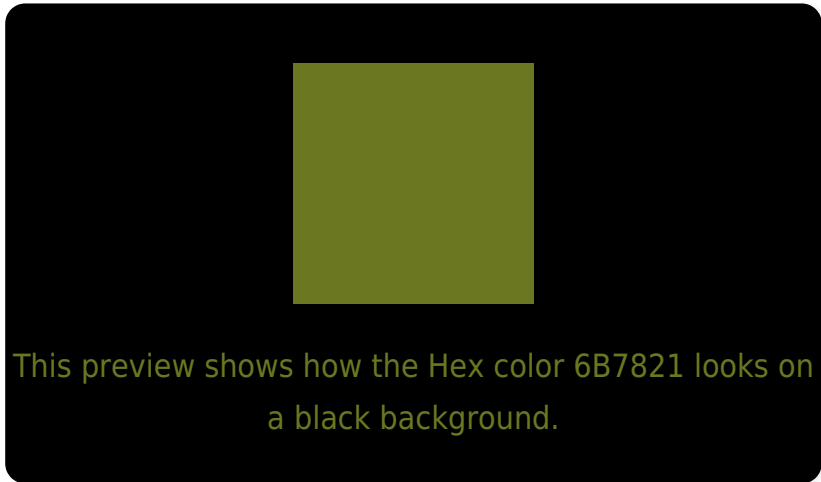
Large Text (above 18pt) WCAG AA ✓ Pass

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

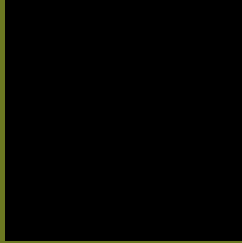
Any Text WCAG AA × Fail

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 6B7821 Background



This preview shows how black text looks on a background with the Hex color 6B7821.



This preview shows how white text looks on a background with the Hex color 6B7821.

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
6B7821

Protanopia
7F721F

Deuteranopia
8E6C26



Tritanopia
747079

Trichromacy



Original Color
6B7821

Protanomaly
787420

Deuteranomaly
817024

Tritanomaly
717359

Monochromacy



Original Color
6B7821

Achromatopsia
6A6A6A

Achromatomaly
6A6F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7821 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 #6B7821 looks like.

```
.text, #text, p{  
    color:#6B7821  
}
```

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 #6B7821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7821
}
```

Border

The CSS property to change the border of an element to Hex 6B7821 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
#6B7821 }
```

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

```
.border{ border-color:#6B7821 }
```

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

Here you see how a box with a 4 pixel #6B7821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7821; -webkit-box-shadow:4px 4px  
4px 4px #6B7821; box-shadow:4px 4px 4px  
4px #6B7821 }
```

Background

The CSS property to change the background color of an element to Hex 6B7821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7821 }
```

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

```
.background{ background-color:#6B7821 }
```

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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