

Converting Colors

Hex(6B7B21)

Have a look what the booklet for
Hex(6B7B21) contains.

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Color

Hex(6B7B21)

Conversions

Conversions Part 1

Format	Color
Hex	6B7B21
RGB	107, 123, 33
RGB Percent	42%, 48%, 13%
CMY	0.5804, 0.5176, 0.8706
CMYK	0.13, 0.00, 0.73, 0.52
HSL	71°, 58%, 31%
HSV	71°, 73%, 48%
XYZ	13.4209, 17.4015, 4.0903
YIQ	107.9560, 19.3540, -31.3820

Conversions

Conversions Part 2

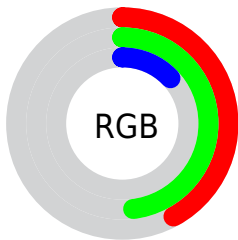
Format	Color
R_{YB}	33, 123, 49
Decimal	7043873
CIE _{Lab}	48.76, -18.78, 44.68
CIE _{LCh}	49, 48.463, 112.801
Yxy	17.4015, 0.3844, 0.4984
Android (android.graphics.Color)	4285233953 (0xFF6B7B21)
YUV	107.9560, -36.9533, -0.8384
Hunter-Lab	41.7151, -15.5732, 23.3870

Details

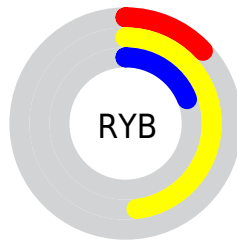
The Hex color **6B7B21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **31217B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A1AF54**, and **384A00** is the 20% darker color. If you saturate the color by 10%, you get **697B15**, and if you desaturate by 10%, it is **6D7B2D**.

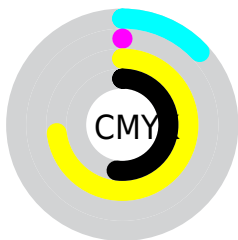
Distribution



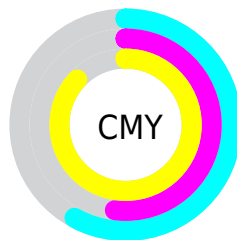
- Red (42%)
- Green (48%)
- Blue (13%)



- Red (13%)
- Yellow (48%)
- Blue (19%)



- Cyan (13%)
- Magenta (0%)
- Yellow (73%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7B21 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 6B7B21 by changing the saturation by 10% instead.



6B7B21



6B7B21

FFFFFF



516202



A1AF54



384A00



BDCB6E



203400



D9E788



001F00



F6FFA3



000000



FFFFBE



FFF8DB



FFF8F8



6B7B21



6B7B21

■ 697B15

■ 6D7B2D

■ 677B08

■ 6F7B3A

■ 657B00

■ 727B46

■ 747B52

■ 767B5F

■ 787B6B

■ 7A7B77

■ 7C7B83

■ 7F7B90

Harmonies

Analogous

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



926E1C



6B7B21



378340

Triad

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



6B7B21



0084B4



B94F80

Complementary

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



6B7B21



31217B

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.



9C5CA6



6B7B21



007BC5

Square

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



6B7B21



008792



636DC0



BE5056

Rectangle

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



6B7B21



00865A



636DC0



B2528D

Sweetspot

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



6B7B21



9AA17D



7B3021



4E523C



D1D1D1



525252

Same Dimension

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



6B7B21



88A113



3F7B21



3C3D37



677D00



D0FC00

Inverse Universe

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



31217B



2C13A1



5D217B



38373D



16007D



2D00FC

Previews

White Background



This preview shows how the Hex color 6B7B21 looks on a white background.

Color Contrast Check

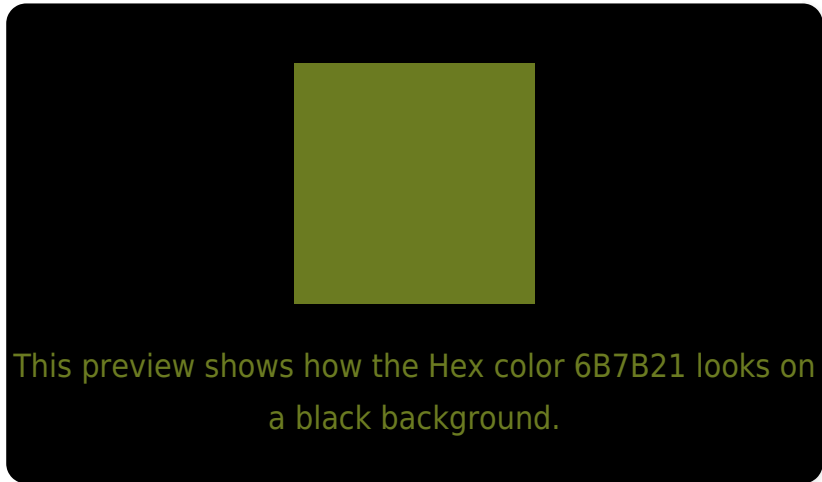
Large Text (above 18pt) WCAG AA ✓ Pass

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

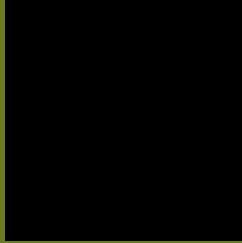
Any Text WCAG AA × Fail

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 6B7B21 Background



This preview shows how black text looks on a background with the Hex color 6B7B21.



This preview shows how white text looks on a background with the Hex color 6B7B21.

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
6B7B21

Protanopia
82741F

Deuteranopia
916E26



Tritanopia
74737C

Trichromacy



Original Color
6B7B21

Protanomaly
7A7720

Deuteranomaly
837324

Tritanomaly
71765B

Monochromacy



Original Color
6B7B21

Achromatopsia
6C6C6C

Achromatomaly
6C7151

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7B21 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 #6B7B21 looks like.

```
.text, #text, p{  
    color:#6B7B21  
}
```

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 #6B7B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7B21
}
```

Border

The CSS property to change the border of an element to Hex 6B7B21 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
#6B7B21 }
```

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

```
.border{ border-color:#6B7B21 }
```

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

Here you see how a box with a 4 pixel #6B7B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7B21; -webkit-box-shadow:4px 4px  
4px 4px #6B7B21; box-shadow:4px 4px 4px  
4px #6B7B21 }
```

Background

The CSS property to change the background color of an element to Hex 6B7B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7B21 }
```

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

```
.background{ background-color:#6B7B21 }
```

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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