

Converting Colors

Hex(4B7B21)

Have a look what the booklet for
Hex(4B7B21) contains.

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Color

Hex(4B7B21)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4B7B21 |
| RGB | 75, 123, 33 |
| RGB Percent | 29%, 48%, 13% |
| CMY | 0.7059, 0.5176, 0.8706 |
| CMYK | 0.39, 0.00, 0.73, 0.52 |
| HSL | 92°, 58%, 31% |
| HSV | 92°, 73%, 48% |
| XYZ | 10.2591, 15.7716, 3.9424 |
| YIQ | 98.3880, 0.2820, -38.1660 |

Conversions

Conversions Part 2

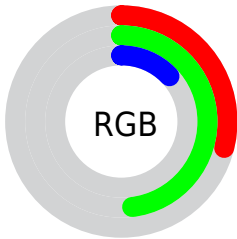
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 33, 123, 81 |
| Decimal | 4946721 |
| CIELab | 46.67, -32.08, 41.89 |
| CIELCh | 47, 52.764, 127.444 |
| Yxy | 15.7716, 0.3423, 0.5262 |
| Android (android.graphics.Color) | 4283136801 (0xFF4B7B21) |
| YUV | 98.3880, -32.2363, -20.5113 |
| Hunter-Lab | 39.7134, -23.3869, 21.9137 |

Details

The Hex color **4B7B21** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **51217B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80B053**, and **174A00** is the 20% darker color. If you saturate the color by 10%, you get **447B15**, and if you desaturate by 10%, it is **527B2D**.

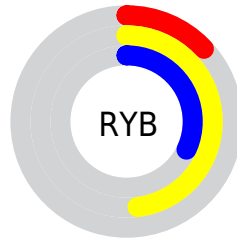
Distribution



Red (29%)

Green (48%)

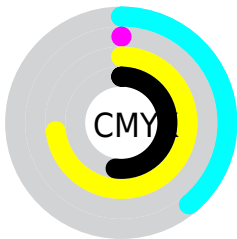
Blue (13%)



Red (13%)

Yellow (48%)

Blue (32%)

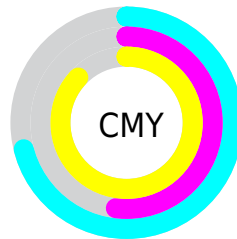


Cyan (39%)

Magenta (0%)

Yellow (73%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7B21 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 4B7B21 by changing the saturation by 10% instead.



4B7B21



4B7B21

FFFFFF



316203



80B053



174A00



9BCB6D



003200



B7E887



001F00



D3FFA2



000000



F0FFBE



FFFFDA



FFFFF7



4B7B21



4B7B21

■ 447B15

■ 527B2D

■ 3E7B08

■ 587B3A

■ 397B00

■ 5F7B46

■ 657B52

■ 6C7B5F

■ 727B6B

■ 797B77

■ 7F7B83

■ 867B90

Harmonies

Analogous

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



7A7002



4B7B21



00814B

Triad

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



4B7B21



007CC0



BE4265

Complementary

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



4B7B21



51217B

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.



AC4A92



4B7B21



0470C7

Square

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



4B7B21



0082A4



7E5EB5



B84D3B

Rectangle

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



4B7B21



008369



7E5EB5



BB4374

Sweetspot

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



4B7B21



8EA17D



7B5121



46523C



D1D1D1



525252

Same Dimension

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



4B7B21



55A113



217B24



3A3D37



3A7D00



76FC00

Inverse Universe

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



51217B



5F13A1



7B2178



3A373D



43007D



8700FC

Previews

White Background



This preview shows how the Hex color 4B7B21 looks on a white background.

Color Contrast Check

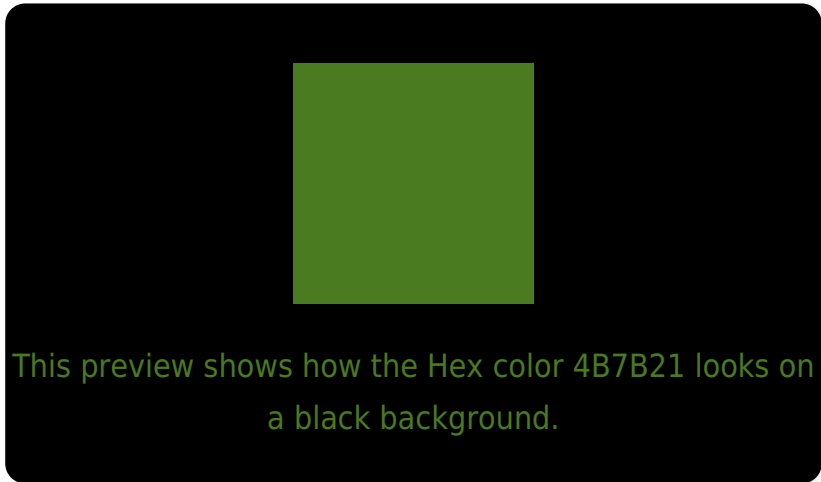
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B7B21 Background



This preview shows how black text looks on a background with the Hex color 4B7B21.



This preview shows how white text looks on a background with the Hex color 4B7B21.

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
4B7B21

Protanopia
7C6E1E

Deuteranopia
896928



Tritanopia
58737C

Trichromacy



Original Color
4B7B21

Protanomaly
6A731F

Deuteranomaly
727025

Tritanomaly
53765B

Monochromacy



Original Color
4B7B21

Achromatopsia
626262

Achromatomaly
5A6B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7B21 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 #4B7B21 looks like.

```
.text, #text, p{  
    color:#4B7B21  
}
```

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 #4B7B21 colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4B7B21 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
#4B7B21 }
```

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

```
.border{ border-color:#4B7B21 }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4B7B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7B21 }
```

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

```
.background{ background-color:#4B7B21 }
```

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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