

Converting Colors

Hex(4B7D13)

Have a look what the booklet for
Hex(4B7D13) contains.

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Color

Hex(4B7D13)

Conversions

Conversions Part 1

Format	Color
Hex	4B7D13
RGB	75, 125, 19
RGB Percent	29%, 49%, 7%
CMY	0.7059, 0.5098, 0.9255
CMYK	0.40, 0.00, 0.85, 0.51
HSL	88°, 74%, 28%
HSV	88°, 85%, 49%
XYZ	10.3528, 16.2101, 3.1993
YIQ	97.9660, 4.2260, -43.5660

Conversions

Conversions Part 2

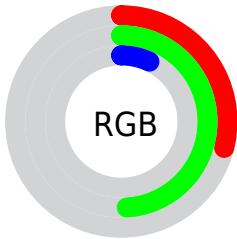
Format	Color
RYB	19, 125, 69
Decimal	4947219
CIELab	47.25, -33.84, 47.33
CIElCh	47, 58.185, 125.560
Yxy	16.2101, 0.3479, 0.5447
Android (android.graphics.Color)	4283137299 (0xFF4B7D13)
YUV	97.9660, -38.9302, -20.1412
Hunter-Lab	40.2618, -24.5591, 23.4719

Details

The Hex color **4B7D13** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45137D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **80B249**, and **164B00** is the 20% darker color. If you saturate the color by 10%, you get **457D07**, and if you desaturate by 10%, it is **517D1F**.

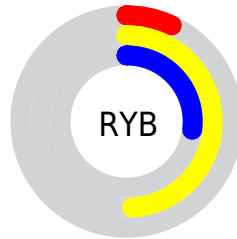
Distribution



Red (29%)

Green (49%)

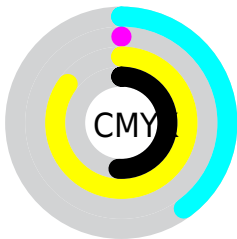
Blue (7%)



Red (7%)

Yellow (49%)

Blue (27%)

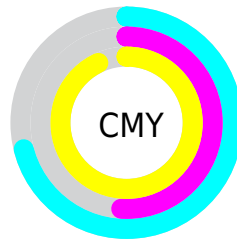


Cyan (40%)

Magenta (0%)

Yellow (85%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7D13 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 4B7D13 by changing the saturation by 10% instead.



4B7D13



4B7D13

FFFFFF



306400



80B249



164B00



9CCE63



003400



B8EA7D



002100



D4FF98



000000



F1FFB4



FFFFD0



FFFFED



4B7D13



4B7D13

■ 457D07

■ 517D1F

■ 427D00

■ 577D2C

■ 5D7D39

■ 637D45

■ 687D52

■ 6E7D5E

■ 747D6B

■ 7A7D77

■ 807D84

Harmonies

Analogous

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



7F7100



4B7D13



008445

Triad

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



4B7D13



0080C9



C63B69

Complementary

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



4B7D13



45137D

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.



B1479A



4B7D13



0073D2

Square

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



4B7D13



0085A8



7C5FC0



C0483A

Rectangle

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



4B7D13



008667



7C5FC0



C23D79

Sweetspot

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



4B7D13



90A37A



7D4413



465239



D1D1D1



525252

Same Dimension

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



4B7D13



56A300



177D13



3D4039



438000



000000

Inverse Universe

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



45137D



4D00A3



79137D



3C3940



3C0080



000000

Previews

White Background



This preview shows how the Hex color 4B7D13 looks on a white background.

Color Contrast Check

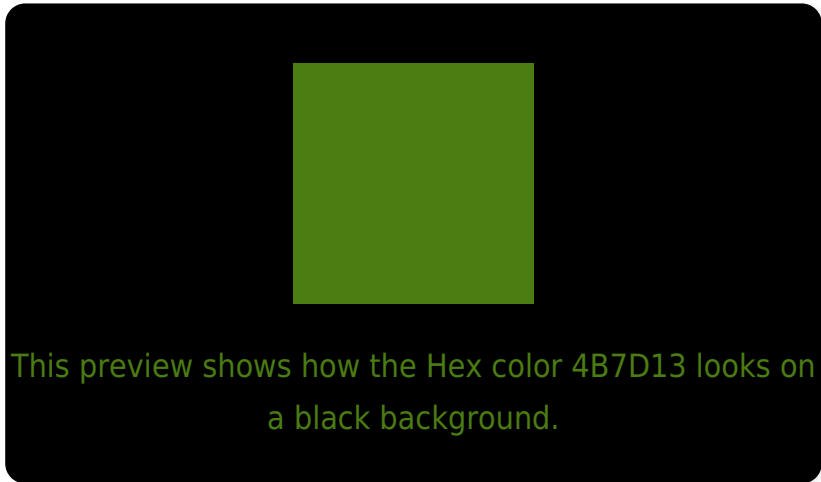
Large Text (above 18pt) WCAG AA ✓ Pass

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

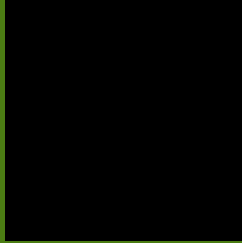
Any Text WCAG AA × Fail

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 4B7D13 Background



This preview shows how black text looks on a background with the Hex color 4B7D13.

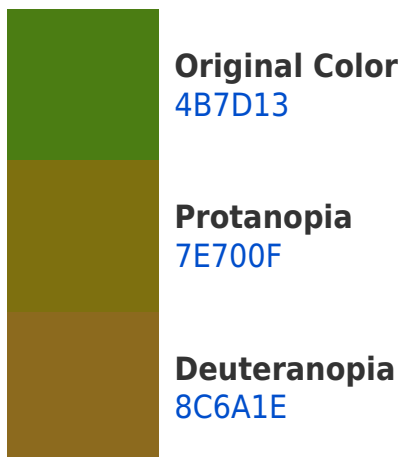


This preview shows how white text looks on a background with the Hex color 4B7D13.

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





Tritanopia
59747E

Trichromacy



Original Color
4B7D13

Protanomaly
6B7510

Deuteranomaly
74711A

Tritanomaly
547757

Monochromacy



Original Color
4B7D13

Achromatopsia
626262

Achromatomaly
5A6C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7D13 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 #4B7D13 looks like.

```
.text, #text, p{  
    color:#4B7D13  
}
```

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 #4B7D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7D13
}
```

Border

The CSS property to change the border of an element to Hex 4B7D13 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
#4B7D13 }
```

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

```
.border{ border-color:#4B7D13 }
```

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

Here you see how a box with a 4 pixel #4B7D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7D13; -webkit-box-shadow:4px 4px  
4px 4px #4B7D13; box-shadow:4px 4px 4px  
4px #4B7D13 }
```

Background

The CSS property to change the background color of an element to Hex 4B7D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7D13 }
```

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

```
.background{ background-color:#4B7D13 }
```

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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