

Converting Colors

Hex(4B5D08)

Have a look what the booklet for
Hex(4B5D08) contains.

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Color

Hex(4B5D08)

Conversions

Conversions Part 1

Format	Color
Hex	4B5D08
RGB	75, 93, 8
RGB Percent	29%, 36%, 3%
CMY	0.7059, 0.6353, 0.9686
CMYK	0.19, 0.00, 0.91, 0.64
HSL	73°, 84%, 20%
HSV	73°, 91%, 36%
XYZ	6.8598, 9.3421, 1.6714
YIQ	77.9280, 16.5570, -30.2510

Conversions

Conversions Part 2

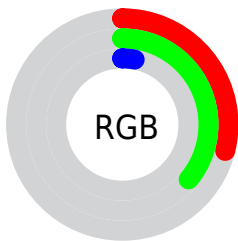
Format	Color
R_YB	8, 93, 26
Decimal	4939016
CIE _{Lab}	36.63, -18.70, 41.04
CIE _{LCh}	37, 45.103, 114.493
Yxy	9.3421, 0.3838, 0.5227
Android (android.graphics.Color)	4283129096 (0xFF4B5D08)
YUV	77.9280, -34.4745, -2.5679
Hunter-Lab	30.5648, -13.4267, 18.1532

Details

The Hex color **4B5D08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A085D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7F8F3D**, and **1A2F00** is the 20% darker color. If you saturate the color by 10%, you get **495D00**, and if you desaturate by 10%, it is **4D5D11**.

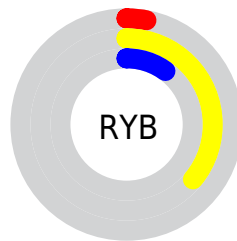
Distribution



Red (29%)

Green (36%)

Blue (3%)



Red (3%)

Yellow (36%)

Blue (10%)

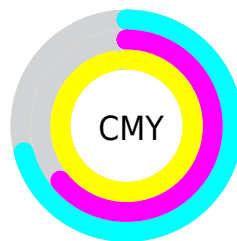


Cyan (19%)

Magenta (0%)

Yellow (91%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5D08 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 4B5D08 by changing the saturation by 10% instead.

 4B5D08

 4B5D08

 FFFFF9

 334500

 7F8F3D

 1A2F00

 99AA56

 001C00

 B5C56F

 000000

 D1E189

 EEFEA4

 FFFFC0

 FFFFDC

 4B5D08

 4B5D08

■ 495D00

■ 4D5D11

■ 4F5D1B

■ 515D24

■ 535D2D

■ 555D37

■ 575D40

■ 595D49

■ 5B5D52

■ 5D5D5C

Harmonies

Analogous

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



6D5200



4B5D08



156329

Triad

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



4B5D08



006491



93325E

Complementary

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



4B5D08



1A085D

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.



7B3F81



4B5D08



005C9F

Square

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



4B5D08



006773



494F99



96353A

Rectangle

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



4B5D08



006641



494F99



8E356B

Sweetspot

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



4B5D08



717857



5D1908



393D2A



BDBDBD



3D3D3D

Same Dimension

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



4B5D08



5E7800



225D08



2D2E29



566E00



BBED00

Inverse Universe

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



1A085D



190078



44085D



2A292E



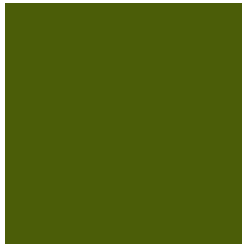
17006E



3200ED

Previews

White Background



This preview shows how the Hex color 4B5D08 looks on a white background.

Color Contrast Check

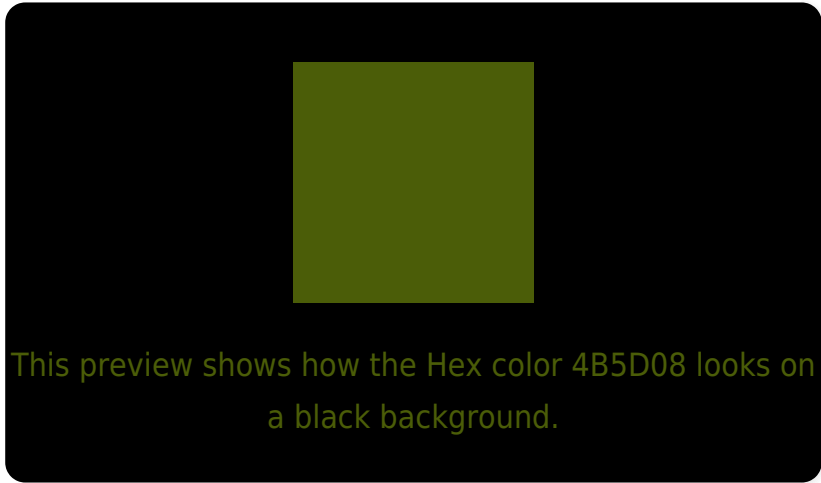
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

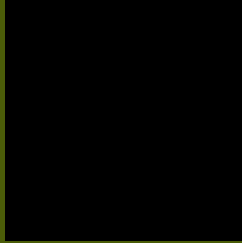
Any Text WCAG AA × Fail

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 4B5D08 Background



This preview shows how black text looks on a background with the Hex color 4B5D08.



This preview shows how white text looks on a background with the Hex color 4B5D08.

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](#).

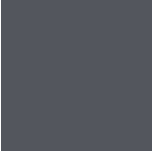
Dichromacy



Original Color
4B5D08

Protanopia
615604

Deuteranopia
6D5212



Tritanopia
53565D

Trichromacy



Original Color
4B5D08

Protanomaly
595905

Deuteranomaly
61560E

Tritanomaly
50593E

Monochromacy



Original Color
4B5D08

Achromatopsia
4E4E4E

Achromatomaly
4D5335

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5D08 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 #4B5D08 looks like.

```
.text, #text, p{  
    color:#4B5D08  
}
```

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 #4B5D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5D08
}
```

Border

The CSS property to change the border of an element to Hex 4B5D08 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
#4B5D08 }
```

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

```
.border{ border-color:#4B5D08 }
```

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

Here you see how a box with a 4 pixel #4B5D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5D08; -webkit-box-shadow:4px 4px  
4px 4px #4B5D08; box-shadow:4px 4px 4px  
4px #4B5D08 }
```

Background

The CSS property to change the background color of an element to Hex 4B5D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5D08 }
```

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

```
.background{ background-color:#4B5D08 }
```

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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