

Converting Colors

Hex(4B5D10)

Have a look what the booklet for
Hex(4B5D10) contains.

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Color

Hex(4B5D10)

Conversions

Conversions Part 1

Format	Color
Hex	4B5D10
RGB	75, 93, 16
RGB Percent	29%, 36%, 6%
CMY	0.7059, 0.6353, 0.9373
CMYK	0.19, 0.00, 0.83, 0.64
HSL	74°, 71%, 21%
HSV	74°, 83%, 36%
XYZ	6.9095, 9.3620, 1.9331
YIQ	78.8400, 13.9890, -27.7630

Conversions

Conversions Part 2

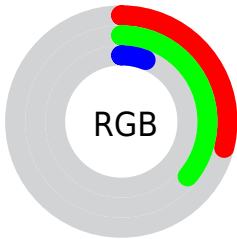
Format	Color
RYB	16, 93, 34
Decimal	4939024
CIELab	36.67, -18.36, 38.64
CIELCh	37, 42.779, 115.413
Yxy	9.3620, 0.3795, 0.5143
Android (android.graphics.Color)	4283129104 (0xFF4B5D10)
YUV	78.8400, -30.9801, -3.3677
Hunter-Lab	30.5973, -13.2362, 17.6723

Details

The Hex color **4B5D10** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22105D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7E8F42**, and **1B2F00** is the 20% darker color. If you saturate the color by 10%, you get **495D07**, and if you desaturate by 10%, it is **4D5D19**.

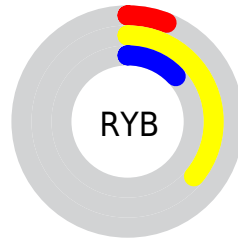
Distribution



Red (29%)

Green (36%)

Blue (6%)



Red (6%)

Yellow (36%)

Blue (13%)

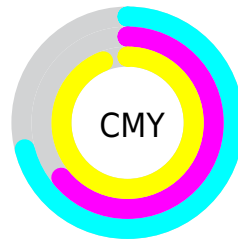


Cyan (19%)

Magenta (0%)

Yellow (83%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5D10 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 4B5D10 by changing the saturation by 10% instead.

 4B5D10

 4B5D10

FFFFFFE

 334500

 7E8F42

 1B2F00

 99AA5B

 001C00

 B5C574

 000000

 D1E18E

 EDFEA9

 FFFFC5

 FFFFE1

 4B5D10

 4B5D10

■ 495D07

■ 4D5D19

■ 475D00

■ 4F5D23

■ 525D2C

■ 545D35

■ 565D3F

■ 585D48

■ 5A5D51

■ 5C5D5A

■ 5F5D64

Harmonies

Analogous

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



6C5307



4B5D10



19632D

Triad

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



4B5D10



00638E



91355D

Complementary

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



4B5D10



22105D

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.



7B407E



4B5D10



005C9B

Square

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



4B5D10



006673



4C4F95



93383B

Rectangle

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



4B5D10



006544



4C4F95



8C3869

Sweetspot

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



4B5D10



71785A



5D2210



393D2B



BDBDBD



3D3D3D

Same Dimension

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



4B5D10



5C7801



255D10



2D2E29



546E00



B6ED00

Inverse Universe

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



22105D



1D0178



48105D



2A292E



1A006E



3700ED

Previews

White Background



This preview shows how the Hex color 4B5D10 looks on a white background.

Color Contrast Check

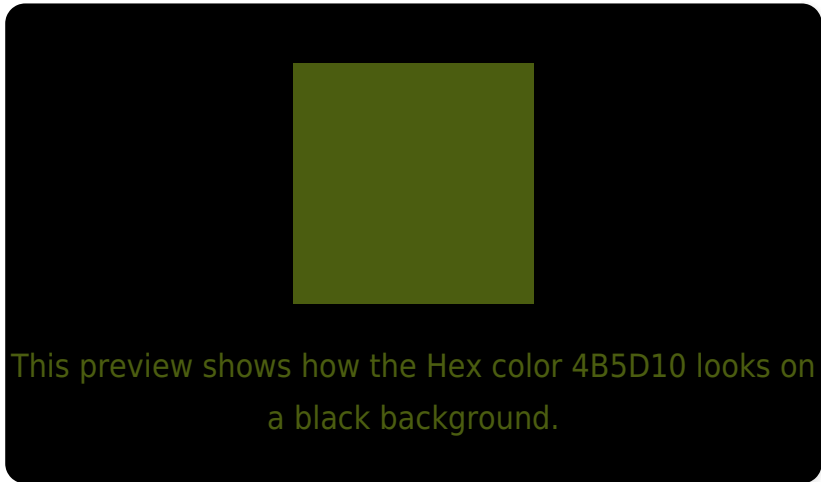
Large Text (above 18pt) WCAG AA ✓ Pass

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

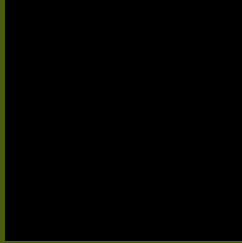
Any Text WCAG AA × Fail

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 4B5D10 Background



This preview shows how black text looks on a background with the Hex color 4B5D10.



This preview shows how white text looks on a background with the Hex color 4B5D10.

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](#).

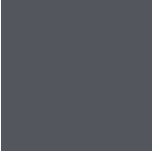
Dichromacy



Original Color
4B5D10

Protanopia
61560E

Deuteranopia
6C5216



Tritanopia
53575D

Trichromacy



Original Color
4B5D10

Protanomaly
59590F

Deuteranomaly
605614

Tritanomaly
505941

Monochromacy



Original Color
4B5D10

Achromatopsia
4F4F4F

Achromatomaly
4E5438

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5D10 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 #4B5D10 looks like.

```
.text, #text, p{  
    color:#4B5D10  
}
```

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 #4B5D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5D10
}
```

Border

The CSS property to change the border of an element to Hex 4B5D10 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
#4B5D10 }
```

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

```
.border{ border-color:#4B5D10 }
```

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

Here you see how a box with a 4 pixel #4B5D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5D10; -webkit-box-shadow:4px 4px  
4px 4px #4B5D10; box-shadow:4px 4px 4px  
4px #4B5D10 }
```

Background

The CSS property to change the background color of an element to Hex 4B5D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5D10 }
```

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

```
.background{ background-color:#4B5D10 }
```

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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