

Converting Colors

Hex(4B6A14)

Have a look what the booklet for
Hex(4B6A14) contains.

Hex(4B6A14)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B6A14)

Conversions

Conversions Part 1

Format	Color
Hex	4B6A14
RGB	75, 106, 20
RGB Percent	29%, 42%, 8%
CMY	0.7059, 0.5843, 0.9216
CMYK	0.29, 0.00, 0.81, 0.58
HSL	82°, 68%, 25%
HSV	82°, 81%, 42%
XYZ	8.1820, 11.8544, 2.5187
YIQ	86.9270, 9.1300, -33.3180

Conversions

Conversions Part 2

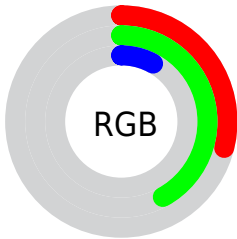
Format	Color
R_{YB}	20, 106, 51
Decimal	4942356
CIE Lab	40.98, -24.85, 41.26
CIE LCh	41, 48.166, 121.057
Yxy	11.8544, 0.3628, 0.5256
Android (android.graphics.Color)	4283132436 (0xFF4B6A14)
YUV	86.9270, -32.9950, -10.4600
Hunter-Lab	34.4303, -17.8345, 19.7639

Details

The Hex color **4B6A14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **33146A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F9D47**, and **1A3A00** is the 20% darker color. If you saturate the color by 10%, you get **476A09**, and if you desaturate by 10%, it is **4F6A1F**.

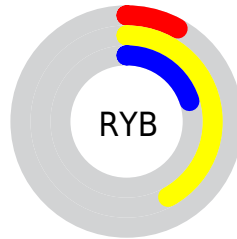
Distribution



 Red (29%)

 Green (42%)

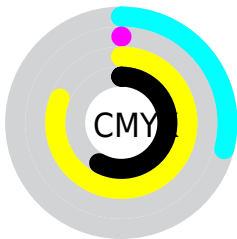
 Blue (8%)



 Red (8%)

 Yellow (42%)

 Blue (20%)

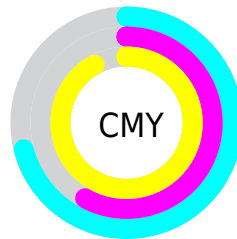


 Cyan (29%)

 Magenta (0%)

 Yellow (81%)

 Black (58%)



 Cyan (71%)

 Magenta (58%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6A14 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 4B6A14 by changing the saturation by 10% instead.



4B6A14



4B6A14

FFFFFF



325200



7F9D47



1A3A00



9AB860



002500



B5D47A



000700



D2F194



000000



EEFFB0



FFFFCB



FFFFE8



4B6A14



4B6A14

■ 476A09

■ 4F6A1F

■ 446A00

■ 536A29

■ 566A34

■ 5A6A3E

■ 5E6A49

■ 626A54

■ 666A5E

■ 6A6A69

■ 6D6A73

Harmonies

Analogous

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



735F00



4B6A14



007038

Triad

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



4B6A14



006EA5



A63961

Complementary

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



4B6A14



33146A

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.



914388



4B6A14



0065B0

Square

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



4B6A14



007388



6255A5



A4403A

Rectangle

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



4B6A14



007253



6255A5



A13B6E

Sweetspot

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



4B6A14



7E8A69



6A3214



3E4531



C4C4C4



454545

Same Dimension

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



4B6A14



5A8A04



216A14



343630



4B7500



9DF500

Inverse Universe

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



33146A



34048A



5D146A



323036



2A0075



5800F5

Previews

White Background



This preview shows how the Hex color 4B6A14 looks on a white background.

Color Contrast Check

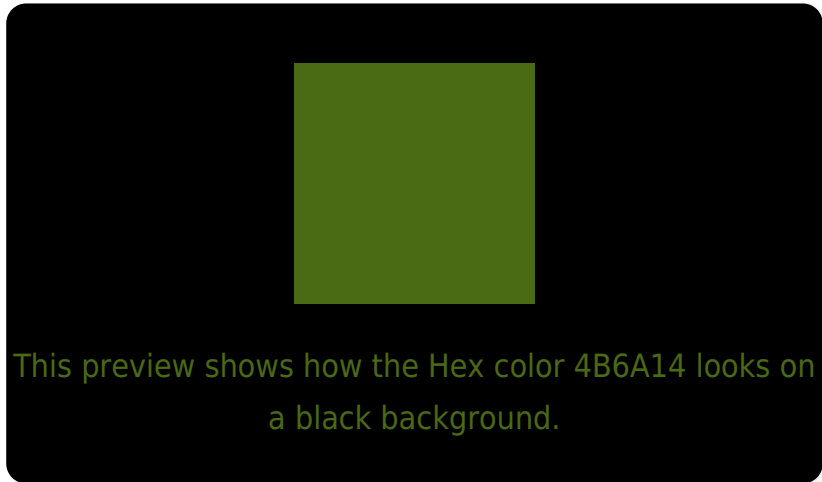
Large Text (above 18pt) WCAG AA ✓ Pass

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

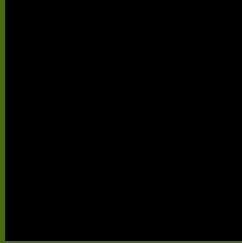
Any Text WCAG AA × Fail

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 4B6A14 Background



This preview shows how black text looks on a background with the Hex color 4B6A14.



This preview shows how white text looks on a background with the Hex color 4B6A14.

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
4B6A14

Protanopia
6D6112

Deuteranopia
795C1C



Tritanopia
55636B

Trichromacy



Original Color
4B6A14

Protanomaly
616413

Deuteranomaly
686119

Tritanomaly
51664B

Monochromacy



Original Color
4B6A14

Achromatopsia
575757

Achromatomaly
535E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6A14 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 #4B6A14 looks like.

```
.text, #text, p{  
    color:#4B6A14  
}
```

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 #4B6A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6A14
}
```

Border

The CSS property to change the border of an element to Hex 4B6A14 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
#4B6A14 }
```

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

```
.border{ border-color:#4B6A14 }
```

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

Here you see how a box with a 4 pixel #4B6A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6A14; -webkit-box-shadow:4px 4px  
4px 4px #4B6A14; box-shadow:4px 4px 4px  
4px #4B6A14 }
```

Background

The CSS property to change the background color of an element to Hex 4B6A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6A14 }
```

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

```
.background{ background-color:#4B6A14 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor