

Converting Colors

Hex(4B6126)

Have a look what the booklet for
Hex(4B6126) contains.

Hex(4B6126)	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(4B6126)

Conversions

Conversions Part 1

Format	Color
Hex	4B6126
RGB	75, 97, 38
RGB Percent	29%, 38%, 15%
CMY	0.7059, 0.6196, 0.8510
CMYK	0.23, 0.00, 0.61, 0.62
HSL	82°, 44%, 26%
HSV	82°, 61%, 38%
XYZ	7.5262, 10.1852, 3.4030
YIQ	83.6960, 5.8270, -23.0130

Conversions

Conversions Part 2

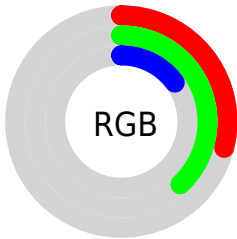
Format	Color
R_{YB}	38, 97, 60
Decimal	4940070
CIE _{Lab}	38.17, -18.79, 30.40
CIE _{LCh}	38, 35.743, 121.724
Yxy	10.1852, 0.3564, 0.4824
Android (android.graphics.Color)	4283130150 (0xFF4B6126)
YUV	83.6960, -22.5281, -7.6264
Hunter-Lab	31.9142, -13.7550, 16.0179

Details

The Hex color **4B6126** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C2661**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D9455**, and **1E3200** is the 20% darker color. If you saturate the color by 10%, you get **47611C**, and if you desaturate by 10%, it is **4F6130**.

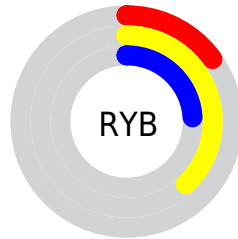
Distribution



Red (29%)

Green (38%)

Blue (15%)



Red (15%)

Yellow (38%)

Blue (24%)

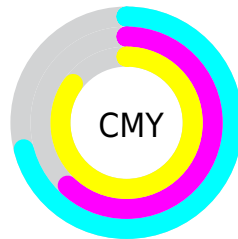


Cyan (23%)

Magenta (0%)

Yellow (61%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6126 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 4B6126 by changing the saturation by 10% instead.



4B6126



4B6126

FFFFFF



33490F



7D9455



1E3200



98AE6E



001E00



B3CA88



000000



CFE6A3



EBFFBE



FFFFDA



FFFFF6



4B6126



4B6126

■ 47611C

■ 4F6130

■ 446113

■ 526139

■ 406109

■ 566143

■ 3D6100

■ 59614D

■ 5D6157

■ 616160

■ 64616A

■ 686174

■ 6C617D

Harmonies

Analogous

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



68591D



4B6126



22663D

Triad

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



4B6126



00648C



8E4059

Complementary

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



4B6126



3C2661

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.



7F4676



4B6126



215C94

Square

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



4B6126



006877



5D528B



8D443D

Rectangle

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



4B6126



006851



5D528B



8B4163

Sweetspot

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



4B6126



757D66



613C26



3B4032



BFBFBF



404040

Same Dimension

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



4B6126



5B7D22



2E6126



2F302C



467000



96F000

Inverse Universe

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



3C2661



44227D



592661



2D2C30



2A0070



5900F0

Previews

White Background



This preview shows how the Hex color 4B6126 looks on a white background.

Color Contrast Check

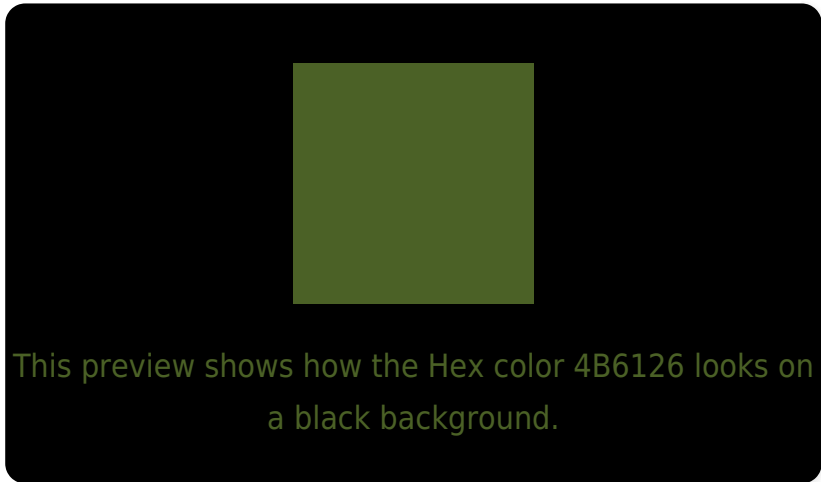
Large Text (above 18pt) WCAG AA ✓ Pass

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

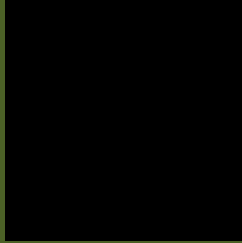
Any Text WCAG AA × Fail

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 4B6126 Background



This preview shows how black text looks on a background with the Hex color 4B6126.



This preview shows how white text looks on a background with the Hex color 4B6126.

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
4B6126

Protanopia
645A24

Deuteranopia
6F5529



Tritanopia
535B62

Trichromacy



Original Color
4B6126

Protanomaly
5B5D25

Deuteranomaly
625928

Tritanomaly
505D4C

Monochromacy



Original Color
4B6126

Achromatopsia
545454

Achromatomaly
515943

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6126 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 #4B6126 looks like.

```
.text, #text, p{  
    color:#4B6126  
}
```

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 #4B6126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6126
}
```

Border

The CSS property to change the border of an element to Hex 4B6126 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
#4B6126 }
```

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

```
.border{ border-color:#4B6126 }
```

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

Here you see how a box with a 4 pixel #4B6126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6126; -webkit-box-shadow:4px 4px  
4px 4px #4B6126; box-shadow:4px 4px 4px  
4px #4B6126 }
```

Background

The CSS property to change the background color of an element to Hex 4B6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6126 }
```

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

```
.background{ background-color:#4B6126 }
```

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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