

Converting Colors

Hex(4B612F)

Have a look what the booklet for
Hex(4B612F) contains.

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Color

Hex(4B612F)

Conversions

Conversions Part 1

Format	Color
Hex	4B612F
RGB	75, 97, 47
RGB Percent	29%, 38%, 18%
CMY	0.7059, 0.6196, 0.8157
CMYK	0.23, 0.00, 0.52, 0.62
HSL	86°, 35%, 28%
HSV	86°, 52%, 38%
XYZ	7.6894, 10.2505, 4.2626
YIQ	84.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

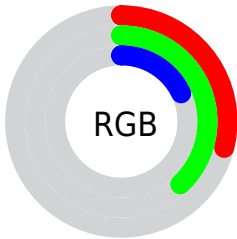
Format	Color
RYB	47, 97, 69
Decimal	4940079
CIELab	38.29, -17.75, 25.69
CIELCh	38, 31.227, 124.644
Yxy	10.2505, 0.3463, 0.4617
Android (android.graphics.Color)	4283130159 (0xFF4B612F)
YUV	84.7220, -18.5969, -8.5262
Hunter-Lab	32.0164, -13.1580, 14.5177

Details

The Hex color **4B612F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **452F61**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7D945E**, and **1D3200** is the 20% darker color. If you saturate the color by 10%, you get **476125**, and if you desaturate by 10%, it is **4F6139**.

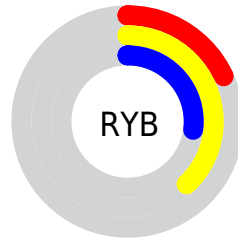
Distribution



Red (29%)

Green (38%)

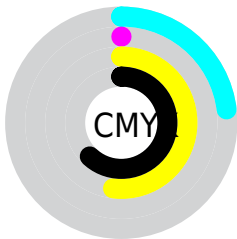
Blue (18%)



Red (18%)

Yellow (38%)

Blue (27%)

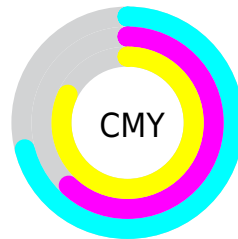


Cyan (23%)

Magenta (0%)

Yellow (52%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B612F 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 4B612F by changing the saturation by 10% instead.



4B612F



4B612F

FFFFFF



334919



7D945E



1D3200



97AE77



001E00



B2CA91



000000



CEE6AC



EBF7C7



FFFFE4



4B612F



4B612F



476125



4F6139

■ 42611C

■ 546142

■ 3E6112

■ 58614C

■ 3A6108

■ 5C6156

■ 366100

■ 606160

■ 656169

■ 696173

■ 6D617D

■ 716186

Harmonies

Analogous

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



655A26



4B612F



296544

Triad

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



4B612F



006287



894557

Complementary

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



4B612F



452F61

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.



7D4970



4B612F



365B8C

Square

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



4B612F



006676



615284



88493F

Rectangle

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



4B612F



006755



615284



874560

Sweetspot

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



4B612F



757D6A



61452F



3B4034



BFBFBF



404040

Same Dimension

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



4B612F



5B7D2F



32612F



2E302C



3F7000



86F000

Inverse Universe

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



452F61



522F7D



5E2F61



2E2C30



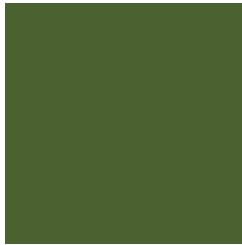
310070



6900F0

Previews

White Background



This preview shows how the Hex color 4B612F looks on a white background.

Color Contrast Check

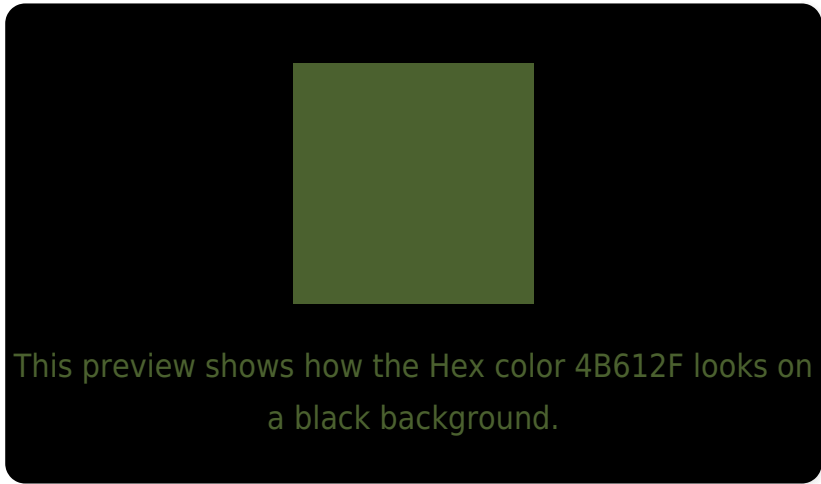
Large Text (above 18pt) WCAG AA ✓ Pass

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

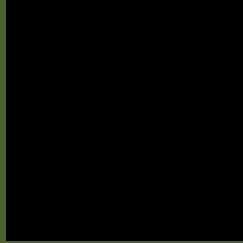
Any Text WCAG AA × Fail

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 4B612F Background



This preview shows how black text looks on a background with the Hex color 4B612F.



This preview shows how white text looks on a background with the Hex color 4B612F.

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
4B612F

Protanopia
635A2D

Deuteranopia
6E5632



Tritanopia
525B63

Trichromacy



Original Color
4B612F

Protanomaly
5A5D2E

Deuteranomaly
615A31

Tritanomaly
4F5D50

Monochromacy



Original Color
4B612F

Achromatopsia
555555

Achromatomaly
515947

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B612F 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 #4B612F looks like.

```
.text, #text, p{  
    color:#4B612F  
}
```

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 #4B612F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B612F
}
```

Border

The CSS property to change the border of an element to Hex 4B612F 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
#4B612F }
```

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

```
.border{ border-color:#4B612F }
```

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

Here you see how a box with a 4 pixel #4B612F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B612F; -webkit-box-shadow:4px 4px  
4px 4px #4B612F; box-shadow:4px 4px 4px  
4px #4B612F }
```

Background

The CSS property to change the background color of an element to Hex 4B612F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B612F }
```

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

```
.background{ background-color:#4B612F }
```

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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