

Converting Colors

Hex(46562B)

Have a look what the booklet for
Hex(46562B) contains.

Hex(46562B)	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(46562B)

Conversions

Conversions Part 1

Format	Color
Hex	46562B
RGB	70, 86, 43
RGB Percent	27%, 34%, 17%
CMY	0.7255, 0.6627, 0.8314
CMYK	0.19, 0.00, 0.50, 0.66
HSL	82°, 33%, 25%
HSV	82°, 50%, 34%
XYZ	6.2896, 8.1321, 3.5237
YIQ	76.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

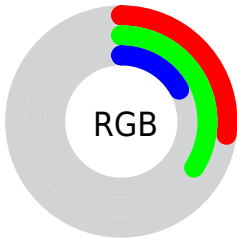
Format	Color
RYB	43, 86, 59
Decimal	4609579
CIELab	34.26, -14.38, 22.91
CIELCh	34, 27.055, 122.116
Yxy	8.1321, 0.3505, 0.4532
Android (android.graphics.Color)	4282799659 (0xFF46562B)
YUV	76.3140, -16.4238, -5.5374
Hunter-Lab	28.5168, -10.5348, 12.6357

Details

The Hex color **46562B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B2B56**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **77885A**, and **1A2900** is the 20% darker color. If you saturate the color by 10%, you get **435622**, and if you desaturate by 10%, it is **495634**.

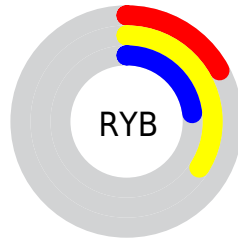
Distribution



Red (27%)

Green (34%)

Blue (17%)



Red (17%)

Yellow (34%)

Blue (23%)

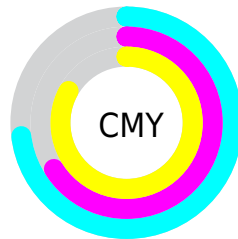


Cyan (19%)

Magenta (0%)

Yellow (50%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46562B 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 46562B by changing the saturation by 10% instead.



46562B



46562B

FFFFFF



2F3F15



77885A



1A2900



91A272



001600



ACBD8C



000000



C8D9A7



E4F5C2



FFFFDE



FFFFFB



46562B



46562B

■ 435622

■ 495634

■ 40561A

■ 4C563C

■ 3C5611

■ 505645

■ 395609

■ 53564D

■ 365600

■ 565656

■ 59565F

■ 5C5667

■ 605670

■ 635678

Harmonies

Analogous

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



5C5025



46562B



2B5A3C

Triad

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



46562B



005876



783F50

Complementary

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



46562B



3B2B56

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.



6D4365



46562B



30527B

Square

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



46562B



005B67



544A75



78413B

Rectangle

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



46562B



0F5B4A



544A75



763F57

Sweetspot

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



46562B



6A705F



563B2B



34382E



B8B8B8



383838

Same Dimension

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



46562B



57702D



31562B



2A2B27



436B00



93EB00

Inverse Universe

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



3B2B56



462D70



502B56



29272B



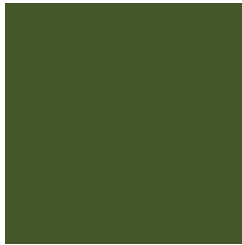
28006B



5700EB

Previews

White Background



This preview shows how the Hex color 46562B looks on a white background.

Color Contrast Check

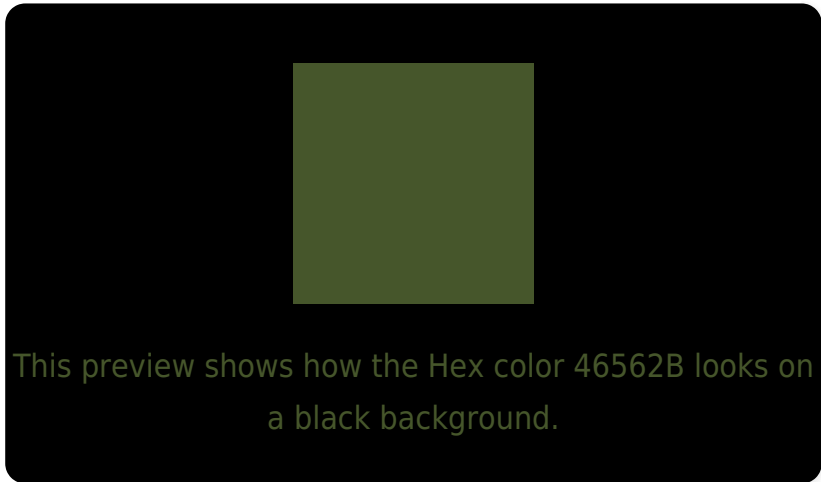
Large Text (above 18pt) WCAG AA ✓ Pass

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

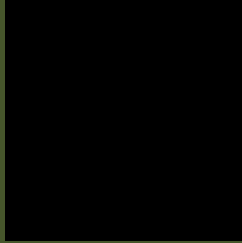
Any Text WCAG AA × Fail

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 46562B Background



This preview shows how black text looks on a background with the Hex color 46562B.



This preview shows how white text looks on a background with the Hex color 46562B.

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
46562B

Protanopia
595129

Deuteranopia
624D2D



Tritanopia
4C5158

Trichromacy



Original Color
46562B

Protanomaly
52532A

Deuteranomaly
58502C

Tritanomaly
4A5348

Monochromacy



Original Color
46562B

Achromatopsia
4C4C4C

Achromatomaly
4A5040

CSS Examples

Text

The CSS property to change the color of the text to Hex 46562B 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 #46562B looks like.

```
.text, #text, p{  
    color:#46562B  
}
```

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 #46562B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46562B
}
```

Border

The CSS property to change the border of an element to Hex 46562B 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
#46562B }
```

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

```
.border{ border-color:#46562B }
```

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

Here you see how a box with a 4 pixel #46562B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46562B; -webkit-box-shadow:4px 4px  
4px 4px #46562B; box-shadow:4px 4px 4px  
4px #46562B }
```

Background

The CSS property to change the background color of an element to Hex 46562B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46562B }
```

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

```
.background{ background-color:#46562B }
```

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