

Converting Colors

Hex(46582D)

Have a look what the booklet for
Hex(46582D) contains.

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Color

Hex(46582D)

Conversions

Conversions Part 1

Format	Color
Hex	46582D
RGB	70, 88, 45
RGB Percent	27%, 35%, 18%
CMY	0.7255, 0.6549, 0.8235
CMYK	0.20, 0.00, 0.49, 0.65
HSL	85°, 32%, 26%
HSV	85°, 49%, 35%
XYZ	6.4892, 8.4710, 3.7757
YIQ	77.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

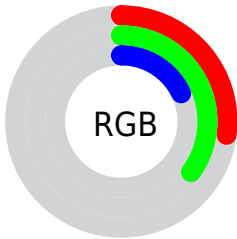
Format	Color
RYB	45, 88, 63
Decimal	4610093
CIELab	34.95, -15.24, 22.62
CIElCh	35, 27.270, 123.965
Yxy	8.4710, 0.3464, 0.4521
Android (android.graphics.Color)	4282800173 (0xFF46582D)
YUV	77.7160, -16.1290, -6.7669
Hunter-Lab	29.1050, -11.1359, 12.6820

Details

The Hex color **46582D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F2D58**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **778A5C**, and **1A2A00** is the 20% darker color. If you saturate the color by 10%, you get **425824**, and if you desaturate by 10%, it is **4A5836**.

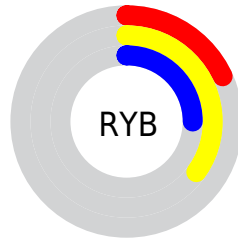
Distribution



Red (27%)

Green (35%)

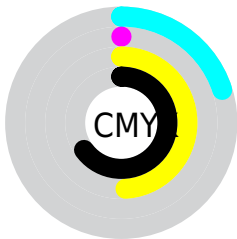
Blue (18%)



Red (18%)

Yellow (35%)

Blue (25%)

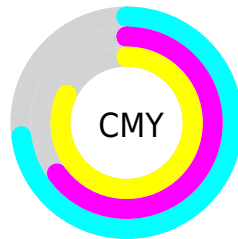


Cyan (20%)

Magenta (0%)

Yellow (49%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46582D 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 46582D by changing the saturation by 10% instead.



46582D



46582D

FFFFFF



2F4117



778A5C



1A2A00



91A475



001700



ACBF8E



000000



C8DBA9



E4F8C4



FFFFE0



FFFFFD



46582D



46582D

■ 425824

■ 4A5836

■ 3F581B

■ 4D583F

■ 3B5813

■ 515847

■ 37580A

■ 555850

■ 345801

■ 585859

■ 335800

■ 5C5862

■ 60586B

■ 635873

■ 67587C

Harmonies

Analogous

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



5D5226



46582D



2A5C3E

Triad

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



46582D



005979



7B4050

Complementary

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



46582D



3F2D58

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.



704466



46582D



34537D

Square

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



46582D



005D6A



584B76



7A433B

Rectangle

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



46582D



0C5D4D



584B76



784157

Sweetspot

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



46582D



6C7362



583F2D



363B30



BABABA



3B3B3B

Same Dimension

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



46582D



56732F



31582D



2A2B27



3E6B00



88EB00

Inverse Universe

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



3F2D58



4B2F73



542D58



29272B



2D006B



6200EB

Previews

White Background



This preview shows how the Hex color 46582D looks on a white background.

Color Contrast Check

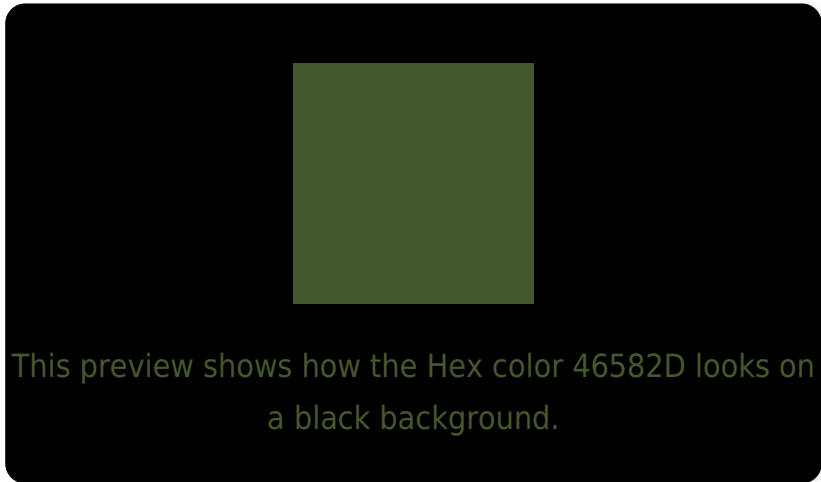
Large Text (above 18pt) WCAG AA ✓ Pass

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

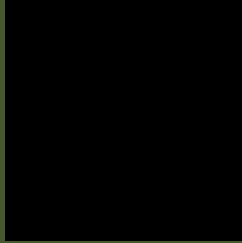
Any Text WCAG AA × Fail

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 46582D Background



This preview shows how black text looks on a background with the Hex color 46582D.



This preview shows how white text looks on a background with the Hex color 46582D.

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
46582D

Protanopia
5A522B

Deuteranopia
644E2F



Tritanopia
4C535A

Trichromacy



Original Color
46582D

Protanomaly
53542C

Deuteranomaly
59522E

Tritanomaly
4A554A

Monochromacy



Original Color
46582D

Achromatopsia
4E4E4E

Achromatomaly
4B5242

CSS Examples

Text

The CSS property to change the color of the text to Hex 46582D 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 #46582D looks like.

```
.text, #text, p{  
    color:#46582D  
}
```

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 #46582D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46582D
}
```

Border

The CSS property to change the border of an element to Hex 46582D 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".

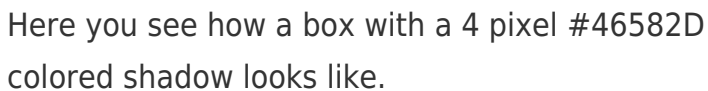
```
.border, #border, table{ border:4px solid
#46582D }
```

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

```
.border{ border-color:#46582D }
```

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

Here you see how a box with a 4 pixel #46582D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46582D; -webkit-box-shadow:4px 4px  
4px 4px #46582D; box-shadow:4px 4px 4px  
4px #46582D }
```

Background

The CSS property to change the background color of an element to Hex 46582D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46582D }
```

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

```
.background{ background-color:#46582D }
```

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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