

Converting Colors

Hex(46544E)

Have a look what the booklet for
Hex(46544E) contains.

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Color

Hex(46544E)

Conversions

Conversions Part 1

Format	Color
Hex	46544E
RGB	70, 84, 78
RGB Percent	27%, 33%, 31%
CMY	0.7255, 0.6706, 0.6941
CMYK	0.17, 0.00, 0.07, 0.67
HSL	154°, 9%, 30%
HSV	154°, 17%, 33%
XYZ	7.0713, 8.1928, 8.4164
YIQ	79.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	70, 79, 84
Decimal	4609102
CIE Lab	34.38, -6.87, 1.67
CIE LCh	34, 7.068, 166.348
Yxy	8.1928, 0.2986, 0.3460
Android (android.graphics.Color)	4282799182 (0xFF46544E)
YUV	79.1300, -0.5571, -8.0070
Hunter-Lab	28.6231, -5.9924, 2.6024

Details

The Hex color **46544E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54464C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **76867F**, and **1A2722** is the 20% darker color. If you saturate the color by 10%, you get **3E544A**, and if you desaturate by 10%, it is **4E5452**.

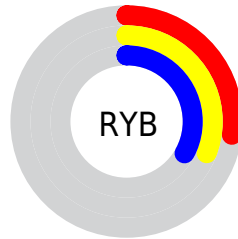
Distribution



Red (27%)

Green (33%)

Blue (31%)



Red (27%)

Yellow (31%)

Blue (33%)

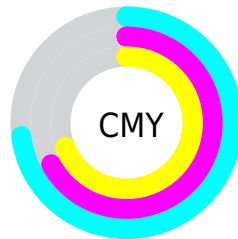


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46544E 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 46544E by changing the saturation by 10% instead.

■ 46544E

■ 46544E

FFFFFF

■ 303D37

■ 76867F

■ 1A2722

■ 90A099

■ 00130C

■ ABBBB4

■ 000000

■ C6D6CF

■ E2F3EB

■ 46544E

■ 46544E

■ 3E544A

■ 4E5452

■ 355447

■ 575455

■ 2D5443

■ 5F5459

■ 245440

■ 68545C

■ 1C543C

■ 705460

■ 145438

■ 785464

■ 0B5435

■ 815467

■ 035431

■ 89546B

■ 005430

■ 92546E

Harmonies

Analogous

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



4C5349



46544E



435454

Triad

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



46544E



4F505C



5C4E49

Complementary

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



46544E



54464C

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.



5D4D4E



46544E



564E59

Square

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



46544E



48525C



5B4D54



585046

Rectangle

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



46544E



435457



5B4D54



5D4E4A

Sweetspot

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



46544E



686E6B



4C5446



353837



B8B8B8



383838

Same Dimension

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



46544E



586E64



465354



252927



00693C



00E885

Inverse Universe

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



54464C



6E5861



544746



292526



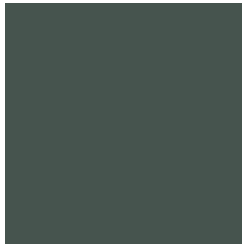
69002D



E80063

Previews

White Background



This preview shows how the Hex color 46544E looks on a white background.

Color Contrast Check

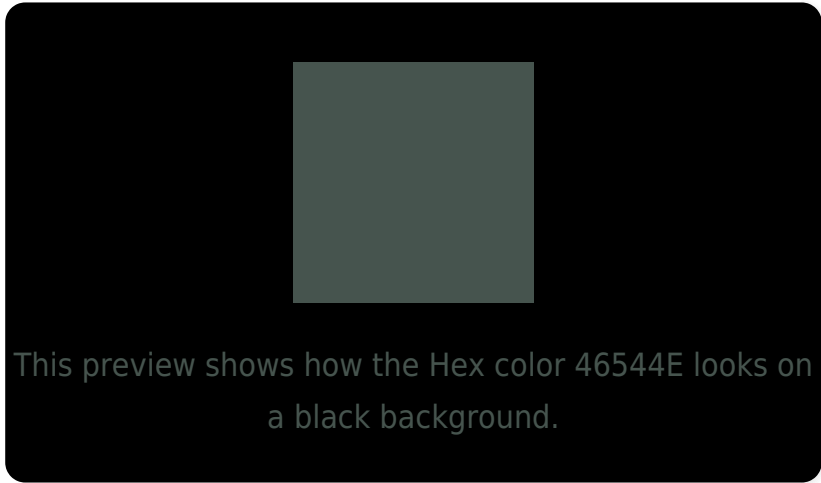
Large Text (above 18pt) WCAG AA ✓ Pass

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

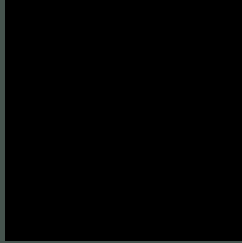
Any Text WCAG AA × Fail

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 46544E Background



This preview shows how black text looks on a background with the Hex color 46544E.



This preview shows how white text looks on a background with the Hex color 46544E.

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](#).

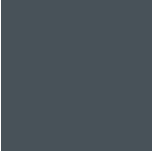
Dichromacy



Original Color
46544E

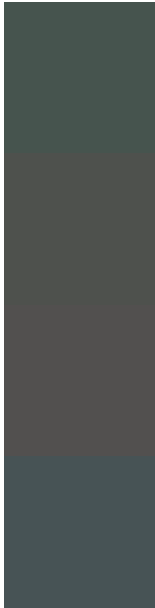
Protanopia
53504C

Deuteranopia
594E4F



Tritanopia
485259

Trichromacy



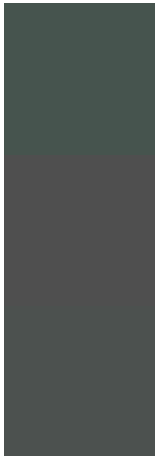
Original Color
46544E

Protanomaly
4E514D

Deuteranomaly
52504F

Tritanomaly
475355

Monochromacy



Original Color
46544E

Achromatopsia
4F4F4F

Achromatomaly
4C514F

CSS Examples

Text

The CSS property to change the color of the text to Hex 46544E 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 #46544E looks like.

```
.text, #text, p{  
    color:#46544E  
}
```

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 #46544E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46544E
}
```

Border

The CSS property to change the border of an element to Hex 46544E is called "border". The border property can be set on classes, ids or directly on the HTML element.

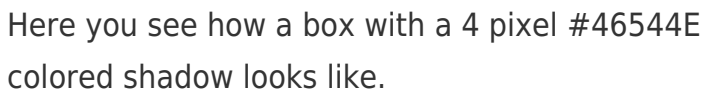
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46544E }
```

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

```
.border{ border-color:#46544E }
```

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



Here you see how a box with a 4 pixel #46544E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46544E; -webkit-box-shadow:4px 4px  
4px 4px #46544E; box-shadow:4px 4px 4px  
4px #46544E }
```

Background

The CSS property to change the background color of an element to Hex 46544E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46544E }
```

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

```
.background{ background-color:#46544E }
```

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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