

# Converting Colors

Hex(48564E)

Have a look what the booklet for  
Hex(48564E) contains.

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# Color

**Hex(48564E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48564E
RGB	72, 86, 78
RGB Percent	28%, 34%, 31%
CMY	0.7176, 0.6627, 0.6941
CMYK	0.16, 0.00, 0.09, 0.66
HSL	146°, 9%, 31%
HSV	146°, 16%, 34%
XYZ	7.3754, 8.5834, 8.4758
YIQ	80.9020, -5.7760, -5.4560

# Conversions

## Conversions Part 2

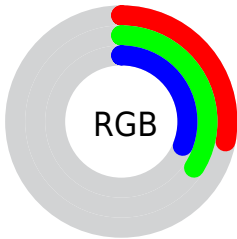
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 82, 86
Decimal	4740686
CIE Lab	35.17, -7.29, 2.83
CIE LCh	35, 7.822, 158.809
Yxy	8.5834, 0.3018, 0.3513
Android (android.graphics.Color)	4282930766 (0xFF48564E)
YUV	80.9020, -1.4307, -7.8071
Hunter-Lab	29.2974, -6.3342, 3.3555

# Details

The Hex color **48564E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564850**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **79887F**, and **1C2922** is the 20% darker color. If you saturate the color by 10%, you get **3F5649**, and if you desaturate by 10%, it is **515653**.

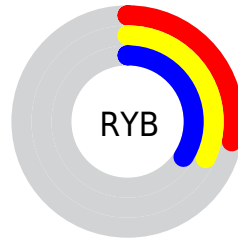
# Distribution



Red (28%)

Green (34%)

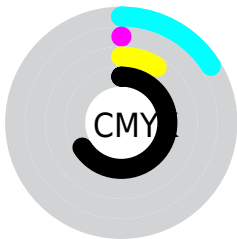
Blue (31%)



Red (28%)

Yellow (32%)

Blue (34%)

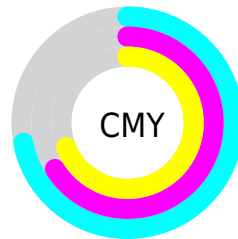


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48564E 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 48564E by changing the saturation by 10% instead.





48564E



48564E

FFFFFF



313F37



79887F



1C2922



92A299



03150C



ADBDB4



000000



C8D9CF



E4F5EB



48564E



48564E



3F5649



515653



375644



595658

■ 2E563F

■ 62565D

■ 26563A

■ 6A5662

■ 1D5635

■ 735667

■ 145631

■ 7C566B

■ 0C562C

■ 845670

■ 035627

■ 8D5675

■ 005625

■ 95567A

# Harmonies

## Analogous

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



4F5549



48564E



445654

# Triad

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



48564E



4E535F



604F4B

# Complementary

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



48564E



564850

# 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.



604E51



48564E



56515C

# Square

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



48564E



47555E



5D4F57



5C5147

# Rectangle

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



48564E



435658



5D4F57



604F4D



# Sweetspot

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



48564E



6B706D



505648



353836



B8B8B8



383838



# Same Dimension

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



48564E



5A7063



485655



272B29



006B2E



00EB65



# Inverse Universe

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



564850



705A67



564849



2B2729



6B003D

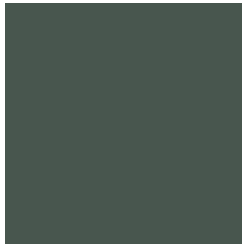


EB0086



# Previews

## White Background



This preview shows how the Hex color 48564E looks on a white background.

## Color Contrast Check

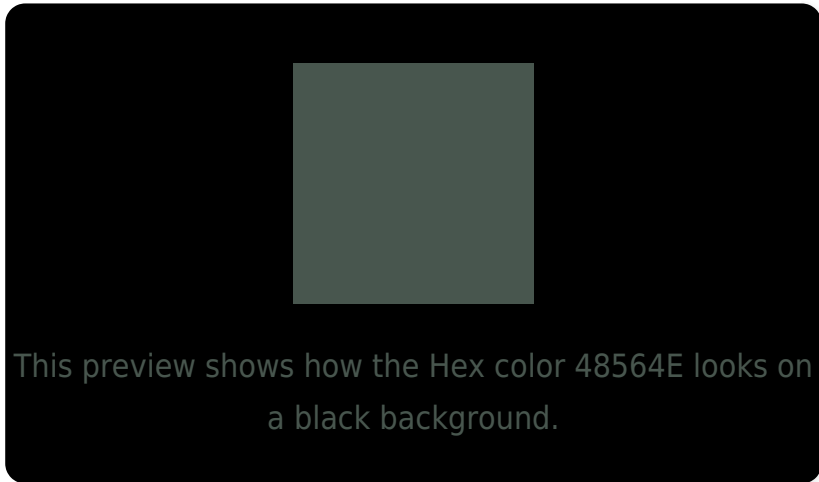
Large Text (above 18pt) WCAG AA ✓ Pass

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

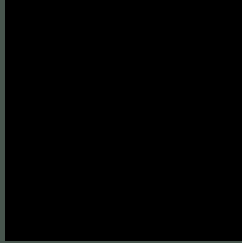
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 48564E Background



This preview shows how black text looks on a background with the Hex color 48564E.



This preview shows how white text looks on a background with the Hex color 48564E.

# 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**  
48564E

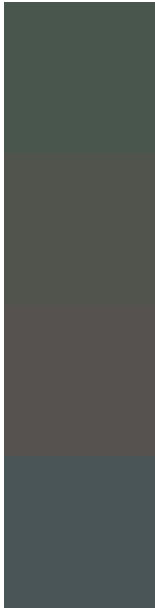
**Protanopia**  
56524C

**Deuteranopia**  
5C504F



**Tritanopia**  
4A545B

# Trichromacy



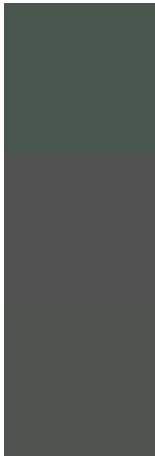
**Original Color**  
48564E

**Protanomaly**  
51534D

**Deuteranomaly**  
55524F

**Tritanomaly**  
495556

# Monochromacy



**Original Color**  
48564E

**Achromatopsia**  
515151

**Achromatomaly**  
4E5350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48564E 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 #48564E looks like.

```
.text, #text, p{  
    color:#48564E  
}
```

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 #48564E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48564E
}
```

## Border

The CSS property to change the border of an element to Hex 48564E is called "border". The border property can be set on classes, ids or directly on the HTML element.

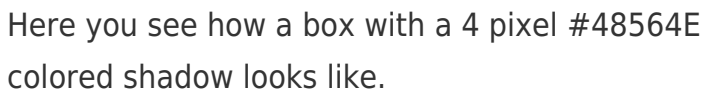
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48564E }
```

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

```
.border{ border-color:#48564E }
```

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



Here you see how a box with a 4 pixel #48564E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48564E; -webkit-box-shadow:4px 4px  
4px 4px #48564E; box-shadow:4px 4px 4px  
4px #48564E }
```

# Background

The CSS property to change the background color of an element to Hex 48564E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48564E }
```

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

```
.background{ background-color:#48564E }
```

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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