

# Converting Colors

Hex(464D4D)

Have a look what the booklet for  
Hex(464D4D) contains.

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# Color

Hex(464D4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	464D4D
RGB	70, 77, 77
RGB Percent	27%, 30%, 30%
CMY	0.7255, 0.6980, 0.6980
CMYK	0.09, 0.00, 0.00, 0.70
HSL	180°, 5%, 29%
HSV	180°, 9%, 30%
XYZ	6.5192, 7.1457, 8.0568
YIQ	74.9070, -4.1720, -1.4840

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 74, 77
Decimal	4607309
CIE Lab	32.14, -2.81, -0.97
CIE LCh	32, 2.976, 199.051
Yxy	7.1457, 0.3001, 0.3290
Android (android.graphics.Color)	4282797389 (0xFF464D4D)
YUV	74.9070, 1.0318, -4.3034
Hunter-Lab	26.7314, -3.2475, 0.8420

# Details

The Hex color **464D4D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D4646**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **767E7E**, and **1B2121** is the 20% darker color. If you saturate the color by 10%, you get **3E4D4D**, and if you desaturate by 10%, it is **4E4D4D**.

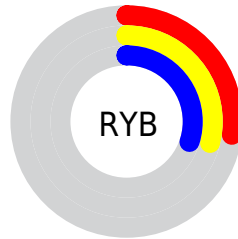
# Distribution



 Red (27%)

 Green (30%)

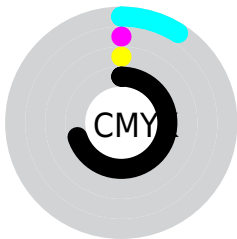
 Blue (30%)



 Red (27%)

 Yellow (29%)

 Blue (30%)

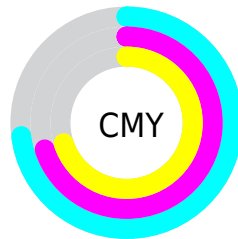



 Cyan (9%)

 Magenta (0%)

 Yellow (0%)

 Black (70%)



 Cyan (73%)

 Magenta (70%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464D4D 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 464D4D by changing the saturation by 10% instead.



■ 464D4D

■ 464D4D

FFFFFF

■ 303636

■ 767E7E

■ 1B2121

■ 909898

■ 000A0A

■ AAB2B2

■ 000000

■ C6CECE

■ E2EAEA

FEFFFF

■ 464D4D

■ 464D4D

■ 3E4D4D

■ 4E4D4D

■ 374D4D

■ 554D4D

■ 2F4D4D

■ 5D4D4D

■ 274D4D

■ 654D4D

■ 204D4D

■ 6D4D4D

■ 184D4D

■ 744D4D

■ 104D4D

■ 7C4D4D

■ 084D4D

■ 844D4D

■ 014D4D

■ 8B4D4D

# Harmonies

## Analogous

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



474D4B



464D4D



464D4F

# Triad

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



464D4D



4E4B4F



4F4B47

# Complementary

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



464D4D



4D4646

# 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.



504A48



464D4D



504A4D

# Square

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



464D4D



4B4B50



514A4A



4C4C47

# Rectangle

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



464D4D



484C50



514A4A



4F4B47



# Sweetspot

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



464D4D



606363



464D46



313333



B3B3B3



333333



# Same Dimension

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



464D4D



596363



464A4D



222626



006666



00E6E6



# Inverse Universe

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



4D464D



635963



4D4A46



262226



660066

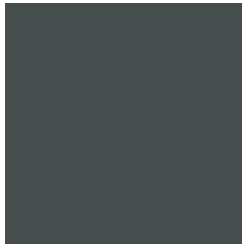


E600E6



# Previews

## White Background



This preview shows how the Hex color 464D4D looks on a white background.

## Color Contrast Check

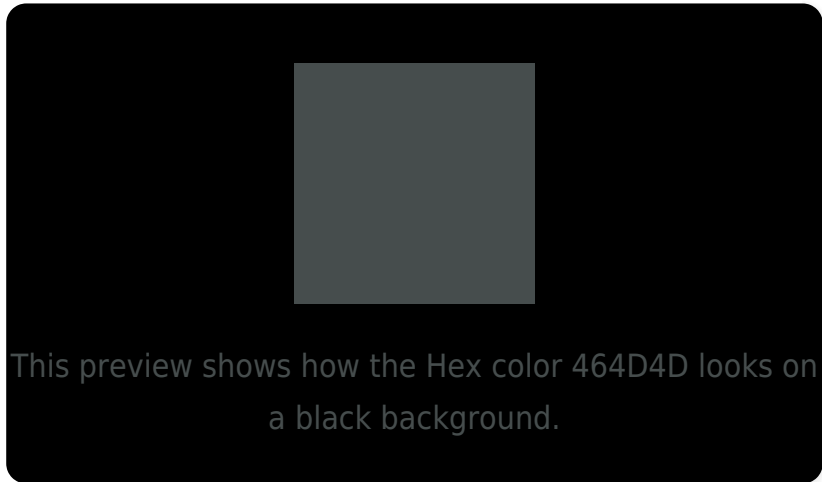
Large Text (above 18pt) WCAG AA ✓ Pass

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

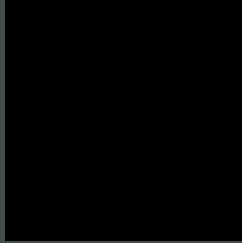
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

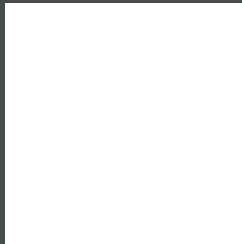
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 464D4D Background



This preview shows how black text looks on a background with the Hex color 464D4D.



This preview shows how white text looks on a background with the Hex color 464D4D.

# 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**

464D4D

**Protanopia**

4D4B4C

**Deuteranopia**

52494E



**Tritanopia**  
474C52

# Trichromacy



**Original Color**

464D4D

**Protanomaly**

4A4C4C

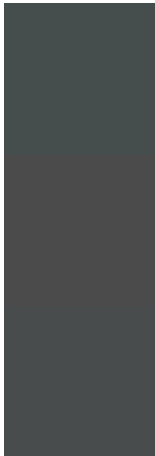
**Deuteranomaly**

4E4A4E

**Tritanomaly**

474C50

# Monochromacy



**Original Color**

464D4D

**Achromatopsia**

4B4B4B

**Achromatomaly**

494C4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464D4D 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 #464D4D looks like.

```
.text, #text, p{  
    color:#464D4D  
}
```

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 #464D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464D4D
}
```

## Border

The CSS property to change the border of an element to Hex 464D4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

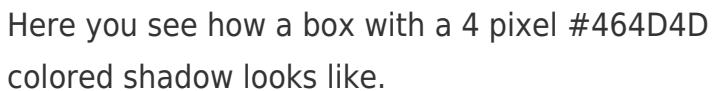
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464D4D }
```

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

```
.border{ border-color:#464D4D }
```

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



Here you see how a box with a 4 pixel #464D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464D4D; -webkit-box-shadow:4px 4px  
4px 4px #464D4D; box-shadow:4px 4px 4px  
4px #464D4D }
```

# Background

The CSS property to change the background color of an element to Hex 464D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464D4D }
```

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

```
.background{ background-color:#464D4D }
```

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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