

# Converting Colors

Hex(464A4F)

Have a look what the booklet for  
Hex(464A4F) contains.

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# Color

Hex(464A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	464A4F
RGB	70, 74, 79
RGB Percent	27%, 29%, 31%
CMY	0.7255, 0.7098, 0.6902
CMYK	0.11, 0.06, 0.00, 0.69
HSL	213°, 6%, 29%
HSV	213°, 11%, 31%
XYZ	6.3858, 6.7642, 8.3662
YIQ	73.3740, -3.9890, 0.7070

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 73, 79
Decimal	4606543
CIE Lab	31.26, -0.46, -3.54
CIE LCh	31, 3.566, 262.618
Yxy	6.7642, 0.2968, 0.3144
Android (android.graphics.Color)	4282796623 (0xFF464A4F)
YUV	73.3740, 2.7736, -2.9590
Hunter-Lab	26.0080, -1.6862, -0.8666

# Details

The Hex color **464A4F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F4B46**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **767B80**, and **1B1E23** is the 20% darker color. If you saturate the color by 10%, you get **3E464F**, and if you desaturate by 10%, it is **4E4E4F**.

# Distribution



Red (27%)

Green (29%)

Blue (31%)



Red (27%)

Yellow (29%)

Blue (31%)

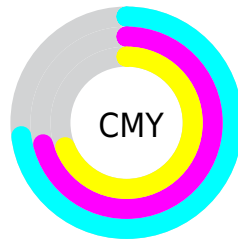


Cyan (11%)

Magenta (6%)

Yellow (0%)

Black (69%)



Cyan (73%)

Magenta (71%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464A4F 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 464A4F by changing the saturation by 10% instead.





464A4F



464A4F

FFFFFF



303338



767B80



1B1E23



90949A



00050D



AAAFB5



000000



C6CAD0



E2E6ED

FEFFFF



464A4F



464A4F



3E464F



4E4E4F

■ 36414F

■ 56534F

■ 2E3D4F

■ 5E574F

■ 26384F

■ 665C4F

■ 1F344F

■ 6E604F

■ 17304F

■ 75644F

■ 0F2B4F

■ 7D694F

■ 07274F

■ 856D4F

■ 00234F

■ 8D724F

# Harmonies

## Analogous

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



444B4E



464A4F



49494F

# Triad

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



464A4F



504848



464B46

# Complementary

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



464A4F



4F4B46

# 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.



4A4A44



464A4F



4F4845

# Square

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



464A4F



4F484A



4D4944



444B49

# Rectangle

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



464A4F



4C484E



4D4944



474B45



# Sweetspot

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



464A4F



636466



464F4B



313233



B3B3B3



333333



# Same Dimension

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



464A4F



585E66



46464F



222426



002D66



0066E6



# Inverse Universe

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



4F464A



66585E



4F4F46



262224



66002D

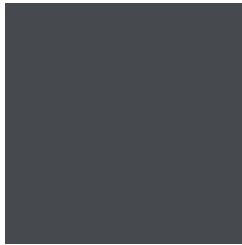


E60066



# Previews

## White Background



This preview shows how the Hex color 464A4F looks on a white background.

## Color Contrast Check

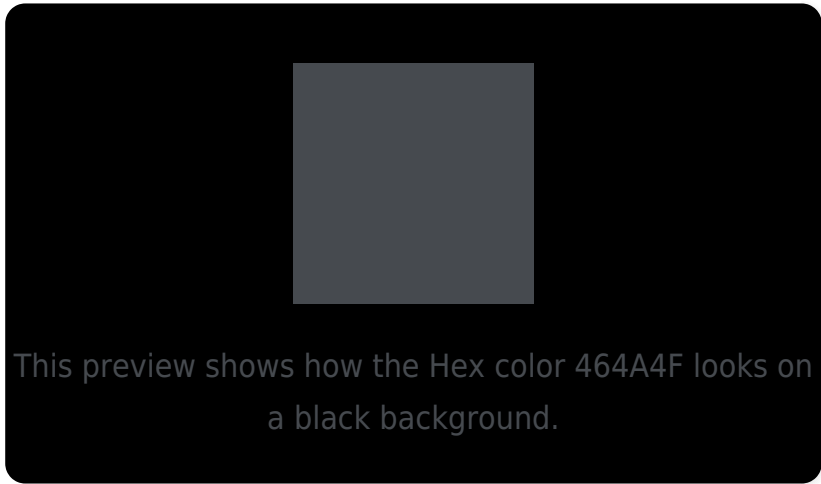
Large Text (above 18pt) WCAG AA ✓ Pass

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

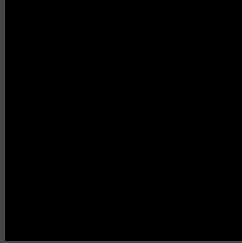
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

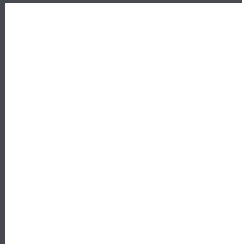
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 464A4F Background



This preview shows how black text looks on a background with the Hex color 464A4F.



This preview shows how white text looks on a background with the Hex color 464A4F.

# 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](#).

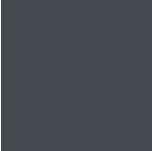
## Dichromacy



**Original Color**  
464A4F

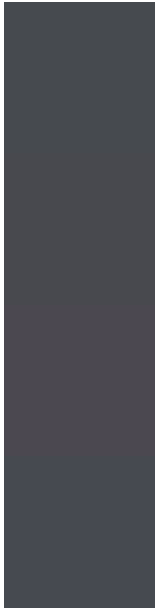
**Protanopia**  
49494E

**Deuteranopia**  
4E4750



**Tritanopia**  
464A50

# Trichromacy



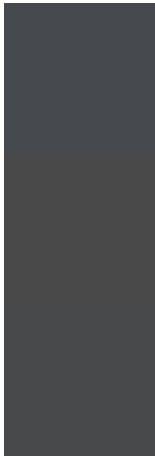
**Original Color**  
464A4F

**Protanomaly**  
48494E

**Deuteranomaly**  
4B4850

**Tritanomaly**  
464A50

# Monochromacy



**Original Color**  
464A4F

**Achromatopsia**  
494949

**Achromatomaly**  
48494B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464A4F 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 #464A4F looks like.

```
.text, #text, p{  
    color:#464A4F  
}
```

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 #464A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A4F
}
```

## Border

The CSS property to change the border of an element to Hex 464A4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

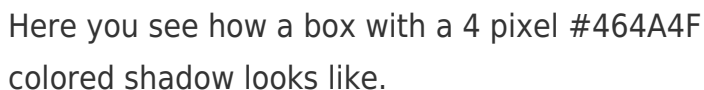
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A4F }
```

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

```
.border{ border-color:#464A4F }
```

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



Here you see how a box with a 4 pixel #464A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A4F; -webkit-box-shadow:4px 4px  
4px 4px #464A4F; box-shadow:4px 4px 4px  
4px #464A4F }
```

# Background

The CSS property to change the background color of an element to Hex 464A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A4F }
```

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

```
.background{ background-color:#464A4F }
```

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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