

Converting Colors

Hex(464F4F)

Have a look what the booklet for
Hex(464F4F) contains.

Hex(464F4F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(464F4F)

Conversions

Conversions Part 1

Format	Color
Hex	464F4F
RGB	70, 79, 79
RGB Percent	27%, 31%, 31%
CMY	0.7255, 0.6902, 0.6902
CMYK	0.11, 0.00, 0.00, 0.69
HSL	180°, 6%, 29%
HSV	180°, 11%, 31%
XYZ	6.7331, 7.4586, 8.4819
YIQ	76.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

Format	Color
RYB	70, 75, 79
Decimal	4607823
CIELab	32.83, -3.58, -1.23
CIElCh	33, 3.789, 198.920
Yxy	7.4586, 0.2970, 0.3290
Android (android.graphics.Color)	4282797903 (0xFF464F4F)
YUV	76.3090, 1.3267, -5.5330
Hunter-Lab	27.3104, -3.7861, 0.7033

Details

The Hex color **464F4F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4646**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **768080**, and **1B2323** is the 20% darker color. If you saturate the color by 10%, you get **3E4F4F**, and if you desaturate by 10%, it is **4E4F4F**.

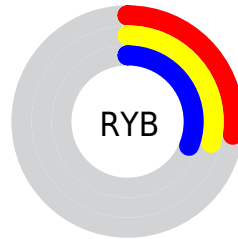
Distribution



Red (27%)

Green (31%)

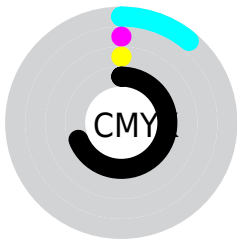
Blue (31%)



Red (27%)

Yellow (29%)

Blue (31%)

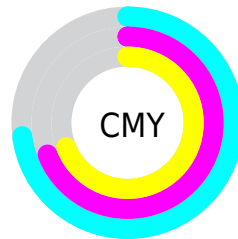


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464F4F 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 464F4F by changing the saturation by 10% instead.

■ 464F4F

■ 464F4F

FFFFFF

■ 303838

■ 768080

■ 1B2323

■ 909A9A

■ 000D0D

■ ABB5B5

■ 000000

■ C6D0D0

■ E2EDED

FEFFFF

■ 464F4F

■ 464F4F

■ 3E4F4F

■ 4E4F4F

364F4F

564F4F

2E4F4F

5E4F4F

264F4F

664F4F

1F4F4F

6E4F4F

174F4F

754F4F

0F4F4F

7D4F4F

074F4F

854F4F

004F4F

8D4F4F

Harmonies

Analogous

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



474F4C



464F4F



474F52

Triad

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



464F4F



504C51



514D47

Complementary

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



464F4F



4F4646

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.



534C49



464F4F



534B4E

Square

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



464F4F



4C4D53



544B4B



4E4E48

Rectangle

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



464F4F



484E53



544B4B



524C48

Sweetspot

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



464F4F



636666



464F46



313333



B3B3B3



333333

Same Dimension

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



464F4F



586666



464B4F



222626



006666



00E6E6

Inverse Universe

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



4F464F



665866



4F4B46



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 464F4F looks on a white background.

Color Contrast Check

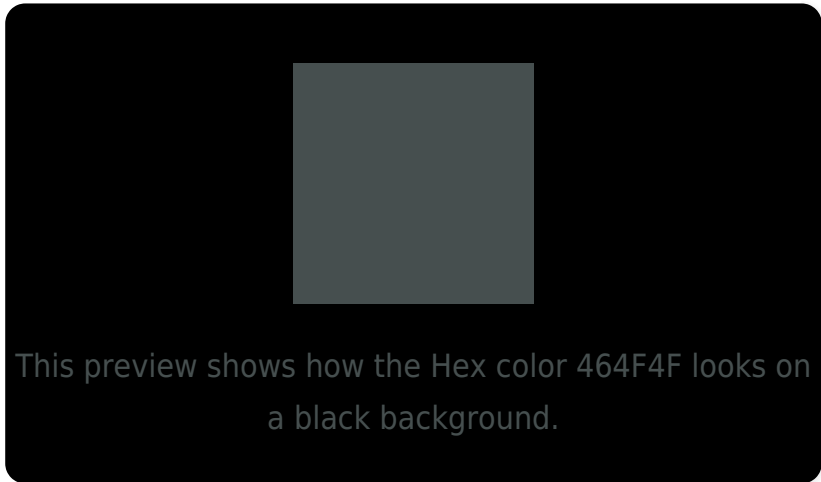
Large Text (above 18pt) WCAG AA ✓ Pass

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

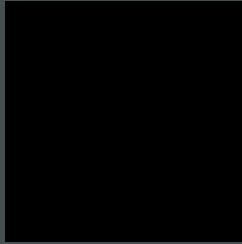
Any Text WCAG AA × Fail

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 464F4F Background



This preview shows how black text looks on a background with the Hex color 464F4F.

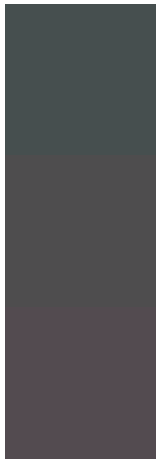


This preview shows how white text looks on a background with the Hex color 464F4F.

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
464F4F

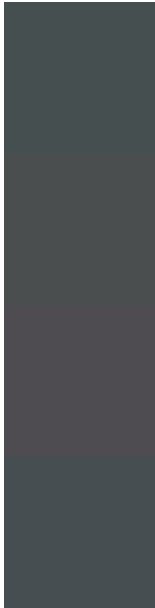
Protanopia
4E4D4E

Deuteranopia
534B50



Tritanopia
474E54

Trichromacy



Original Color

464F4F

Protanomaly

4B4E4E

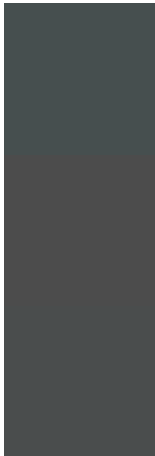
Deuteranomaly

4E4C50

Tritanomaly

474E52

Monochromacy



Original Color

464F4F

Achromatopsia

4C4C4C

Achromatomaly

4A4D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 464F4F 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 #464F4F looks like.

```
.text, #text, p{  
    color:#464F4F  
}
```

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 #464F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464F4F
}
```

Border

The CSS property to change the border of an element to Hex 464F4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

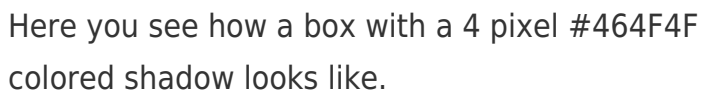
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464F4F }
```

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

```
.border{ border-color:#464F4F }
```

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



Here you see how a box with a 4 pixel #464F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464F4F; -webkit-box-shadow:4px 4px  
4px 4px #464F4F; box-shadow:4px 4px 4px  
4px #464F4F }
```

Background

The CSS property to change the background color of an element to Hex 464F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464F4F }
```

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

```
.background{ background-color:#464F4F }
```

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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