

Converting Colors

Hex(45464F)

Have a look what the booklet for
Hex(45464F) contains.

Hex(45464F)	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(45464F)

Conversions

Conversions Part 1

Format	Color
Hex	45464F
RGB	69, 70, 79
RGB Percent	27%, 27%, 31%
CMY	0.7294, 0.7255, 0.6902
CMYK	0.13, 0.11, 0.00, 0.69
HSL	234°, 7%, 29%
HSV	234°, 13%, 31%
XYZ	6.0557, 6.2100, 8.2766
YIQ	70.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

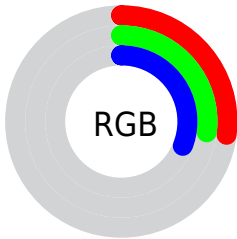
Format	Color
RYB	69, 70, 79
Decimal	4539983
CIELab	29.94, 1.70, -5.52
CIELCh	30, 5.777, 287.102
Yxy	6.2100, 0.2948, 0.3023
Android (android.graphics.Color)	4282730063 (0xFF45464F)
YUV	70.7270, 4.0786, -1.5146
Hunter-Lab	24.9200, -0.2334, -2.2479

Details

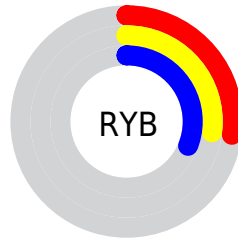
The Hex color **45464F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F4E45**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **757680**, and **1A1B23** is the 20% darker color. If you saturate the color by 10%, you get **3D3F4F**, and if you desaturate by 10%, it is **4D4D4F**.

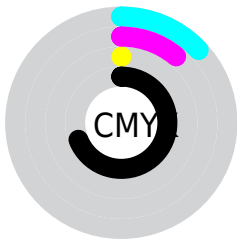
Distribution



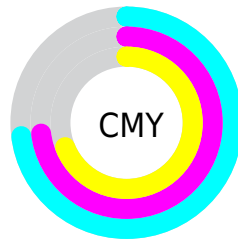
- Red (27%)
- Green (27%)
- Blue (31%)



- Red (27%)
- Yellow (27%)
- Blue (31%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (73%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45464F 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 45464F by changing the saturation by 10% instead.



45464F



45464F

FFFFFF



2F3038



757680



1A1B23



8F909A



00000D



A9AAB5



000000



C5C6D0



E1E2ED



FDFEFF



45464F



45464F



3D3F4F



4D4D4F

■ 35384F

■ 55544F

■ 2D314F

■ 5D5B4F

■ 252A4F

■ 65624F

■ 1D224F

■ 6C6A4F

■ 161B4F

■ 74714F

■ 0E144F

■ 7C784F

■ 060D4F

■ 847F4F

■ 00084F

■ 8C864F

Harmonies

Analogous

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



40474F



45464F



4A454D

Triad

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



45464F



4F4440



3E4944

Complementary

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



45464F



4F4E45

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.



424840



45464F



4C463E

Square

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



45464F



504444



47473E



3B4949

Rectangle

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



45464F



4D444A



47473E



3F4943

Sweetspot

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



45464F



626266



454F4E



303133



B3B3B3



333333

Same Dimension

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



45464F



575866



49454F



222326



000A66



0017E6

Inverse Universe

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



4F4546



665758



4B4F45



262223



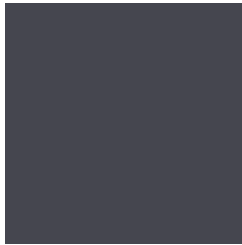
66000A



E60017

Previews

White Background



This preview shows how the Hex color 45464F looks on a white background.

Color Contrast Check

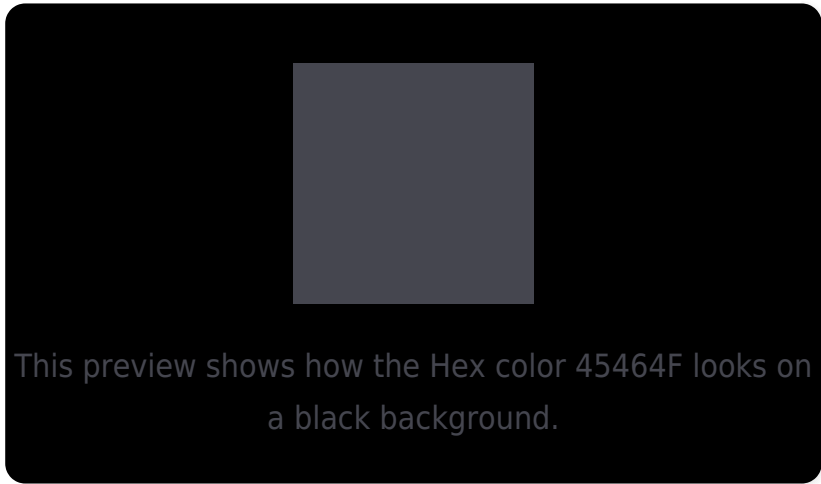
Large Text (above 18pt) WCAG AA ✓ Pass

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

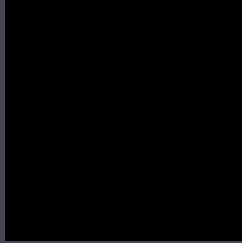
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

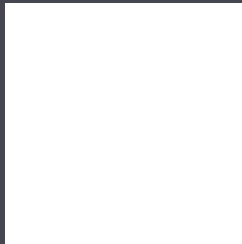
Any Text WCAG AAA × Fail

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

Hex 45464F Background



This preview shows how black text looks on a background with the Hex color 45464F.



This preview shows how white text looks on a background with the Hex color 45464F.

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](#).

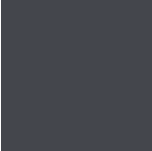
Dichromacy



Original Color
45464F

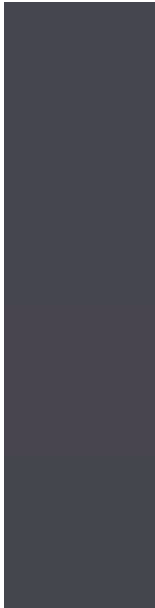
Protanopia
45464F

Deuteranopia
49454F



Tritanopia
44464C

Trichromacy



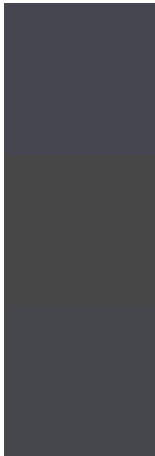
Original Color
45464F

Protanomaly
45464F

Deuteranomaly
48454F

Tritanomaly
44464D

Monochromacy



Original Color
45464F

Achromatopsia
474747

Achromatomaly
46474A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45464F 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 #45464F looks like.

```
.text, #text, p{  
    color:#45464F  
}
```

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 #45464F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45464F
}
```

Border

The CSS property to change the border of an element to Hex 45464F is called "border". The border property can be set on classes, ids or directly on the HTML element.

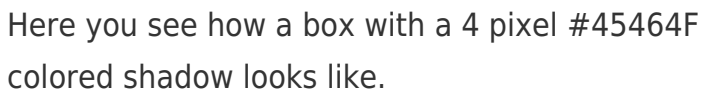
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45464F }
```

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

```
.border{ border-color:#45464F }
```

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



Here you see how a box with a 4 pixel #45464F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45464F; -webkit-box-shadow:4px 4px  
4px 4px #45464F; box-shadow:4px 4px 4px  
4px #45464F }
```

Background

The CSS property to change the background color of an element to Hex 45464F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45464F }
```

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

```
.background{ background-color:#45464F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor