

Converting Colors

Hex(45444F)

Have a look what the booklet for
Hex(45444F) contains.

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Color

Hex(45444F)

Conversions

Conversions Part 1

Format	Color
Hex	45444F
RGB	69, 68, 79
RGB Percent	27%, 27%, 31%
CMY	0.7294, 0.7333, 0.6902
CMYK	0.13, 0.14, 0.00, 0.69
HSL	245°, 7%, 29%
HSV	245°, 14%, 31%
XYZ	5.9326, 5.9640, 8.2356
YIQ	69.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

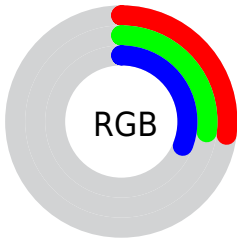
Format	Color
RYB	69, 68, 79
Decimal	4539471
CIELab	29.32, 2.99, -6.44
CIELCh	29, 7.100, 294.883
Yxy	5.9640, 0.2947, 0.2962
Android (android.graphics.Color)	4282729551 (0xFF45444F)
YUV	69.5530, 4.6574, -0.4850
Hunter-Lab	24.4212, 0.6258, -2.8996

Details

The Hex color **45444F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4F44**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **757480**, and **1A1923** is the 20% darker color. If you saturate the color by 10%, you get **3E3C4F**, and if you desaturate by 10%, it is **4C4C4F**.

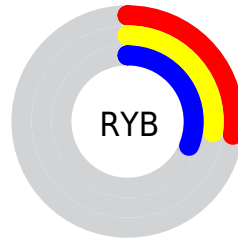
Distribution



Red (27%)

Green (27%)

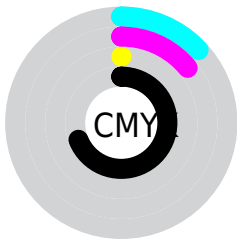
Blue (31%)



Red (27%)

Yellow (27%)

Blue (31%)

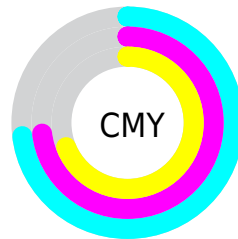


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (69%)



Cyan (73%)

Magenta (73%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45444F 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 45444F by changing the saturation by 10% instead.



45444F



45444F

FFFFFF



2F2E38



757480



1A1923



8F8E9A



00000D



A9A8B5



000000



C5C3D0



E1DFED



FDFCFF



45444F



45444F



3E3C4F



4C4C4F

■ 37344F

■ 53544F

■ 2F2C4F

■ 5B5C4F

■ 28244F

■ 62644F

■ 211C4F

■ 696C4F

■ 1A154F

■ 70734F

■ 130D4F

■ 777B4F

■ 0C054F

■ 7E834F

■ 07004F

■ 868B4F

Harmonies

Analogous

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



3E4650



45444F



4B424B

Triad

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



45444F



4F433C



394844

Complementary

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



45444F



4E4F44

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.



3E483F



45444F



4B443A

Square

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



45444F



514241



45463B



374849

Rectangle

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



45444F



4F4248



45463B



3B4842

Sweetspot

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



45444F



626266



444E4F



313033



B3B3B3



333333

Same Dimension

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



45444F



565566



4A444F



232226



090066



1500E6

Inverse Universe

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



4F444E



665564



494F44



262226



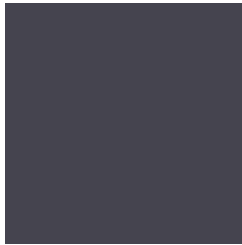
66005D



E600D1

Previews

White Background



This preview shows how the Hex color 45444F looks on a white background.

Color Contrast Check

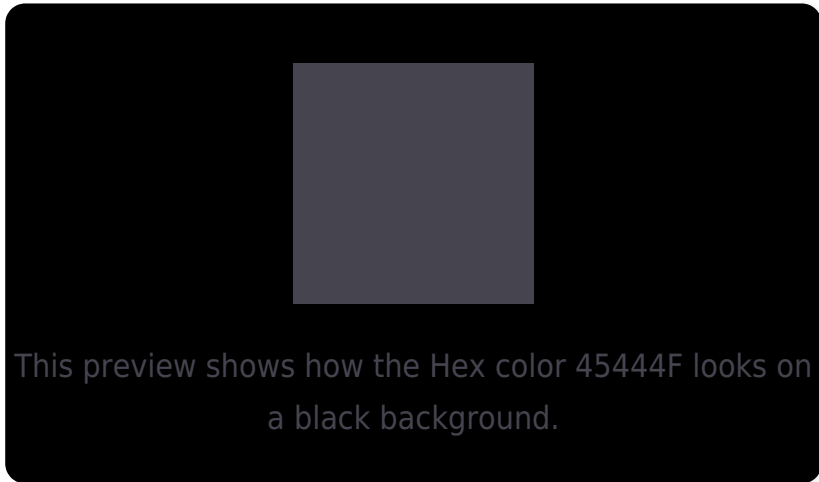
Large Text (above 18pt) WCAG AA ✓ Pass

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

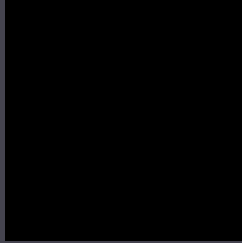
Any Text WCAG AA × Fail

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 45444F Background



This preview shows how black text looks on a background with the Hex color 45444F.

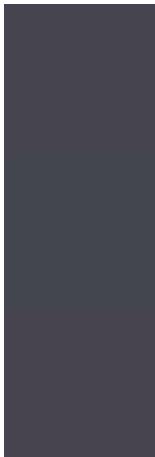


This preview shows how white text looks on a background with the Hex color 45444F.

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](#).

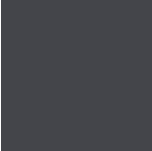
Dichromacy



Original Color
45444F

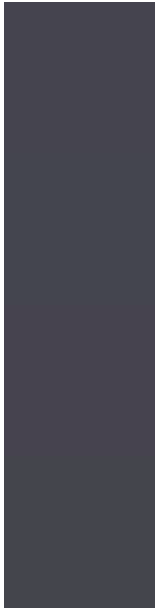
Protanopia
43454F

Deuteranopia
47434F



Tritanopia
44454A

Trichromacy



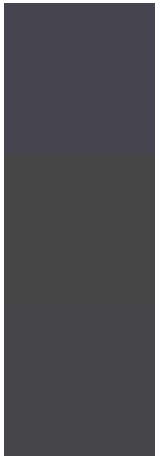
Original Color
45444F

Protanomaly
44454F

Deuteranomaly
46434F

Tritanomaly
44454C

Monochromacy



Original Color
45444F

Achromatopsia
464646

Achromatomaly
464549

CSS Examples

Text

The CSS property to change the color of the text to Hex 45444F 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 #45444F looks like.

```
.text, #text, p{  
    color:#45444F  
}
```

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 #45444F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45444F
}
```

Border

The CSS property to change the border of an element to Hex 45444F is called "border". The border property can be set on classes, ids or directly on the HTML element.

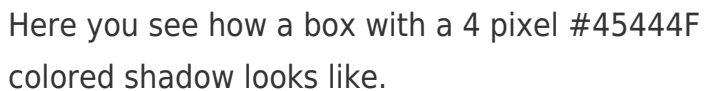
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45444F }
```

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

```
.border{ border-color:#45444F }
```

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



Here you see how a box with a 4 pixel #45444F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45444F; -webkit-box-shadow:4px 4px  
4px 4px #45444F; box-shadow:4px 4px 4px  
4px #45444F }
```

Background

The CSS property to change the background color of an element to Hex 45444F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45444F }
```

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

```
.background{ background-color:#45444F }
```

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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