

Converting Colors

Hex(445F58)

Have a look what the booklet for
Hex(445F58) contains.

Hex(445F58)	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(445F58)

Conversions

Conversions Part 1

Format	Color
Hex	445F58
RGB	68, 95, 88
RGB Percent	27%, 37%, 35%
CMY	0.7333, 0.6275, 0.6549
CMYK	0.28, 0.00, 0.07, 0.63
HSL	164°, 17%, 32%
HSV	164°, 28%, 37%
XYZ	8.2376, 10.1179, 10.7513
YIQ	86.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

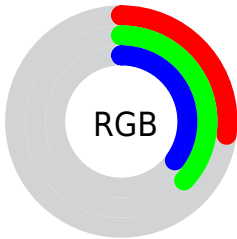
Format	Color
RYB	68, 84, 95
Decimal	4480856
CIELab	38.05, -11.72, 0.75
CIELCh	38, 11.742, 176.316
Yxy	10.1179, 0.2830, 0.3476
Android (android.graphics.Color)	4282670936 (0xFF445F58)
YUV	86.1290, 0.9224, -15.8991
Hunter-Lab	31.8087, -9.4388, 2.2261

Details

The Hex color **445F58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F444B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **75928A**, and **17312B** is the 20% darker color. If you saturate the color by 10%, you get **3A5F56**, and if you desaturate by 10%, it is **4E5F5A**.

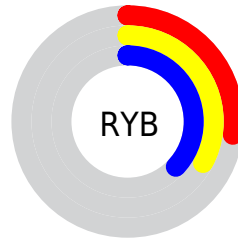
Distribution



Red (27%)

Green (37%)

Blue (35%)



Red (27%)

Yellow (33%)

Blue (37%)

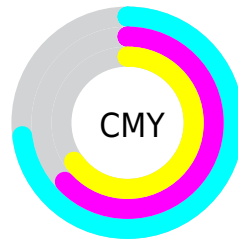


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445F58 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 445F58 by changing the saturation by 10% instead.

■ 445F58

■ 445F58

FFFFFF

■ 2D4741

■ 75928A

■ 17312B

■ 8FACA4

■ 001C16

■ A9C7BF

■ 000000

■ C5E4DB

■ E1FFF7

FEFFFF

■ 445F58

■ 445F58

■ 3A5F56

■ 4E5F5A

■ 315F53

■ 575F5D

■ 275F51

■ 615F5F

■ 1E5F4E

■ 6A5F62

■ 145F4C

■ 745F64

■ 0B5F49

■ 7D5F67

■ 015F47

■ 875F69

■ 005F46

■ 905F6C

■ 9A5F6E

Harmonies

Analogous

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



4D5E4F



445F58



405F62

Triad

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



445F58



5A586B



6A554A

Complementary

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



445F58



5F444B

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.



6D5352



445F58



655564

Square

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



445F58



4D5B6C



6C535B



625947

Rectangle

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



445F58



415E67



6C535B



6C554C

Sweetspot

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



445F58



6F7A78



4B5F44



363D3B



BDBDBD



3D3D3D

Same Dimension

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



445F58



517A70



44595F



2C302F



007053



00F0B2

Inverse Universe

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



5F444B



7A515C



5F4A44



302C2D



70001D



F0003E

Previews

White Background



This preview shows how the Hex color 445F58 looks on a white background.

Color Contrast Check

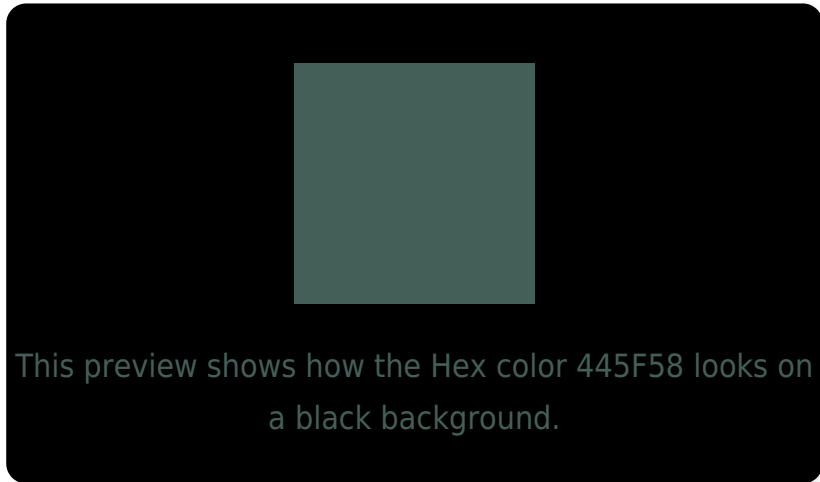
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

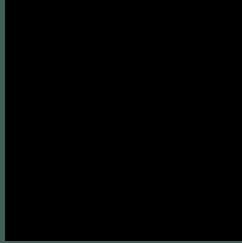
Any Text WCAG AA × Fail

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 445F58 Background



This preview shows how black text looks on a background with the Hex color 445F58.



This preview shows how white text looks on a background with the Hex color 445F58.

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
445F58

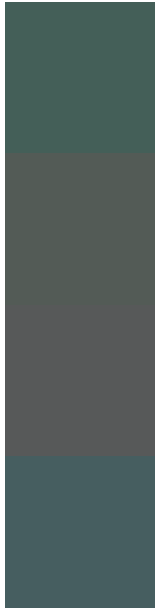
Protanopia
5C5955

Deuteranopia
62565A



Tritanopia
475D65

Trichromacy



Original Color

445F58

Protanomaly

535B56

Deuteranomaly

575959

Tritanomaly

465E60

Monochromacy



Original Color

445F58

Achromatopsia

565656

Achromatomaly

4F5957

CSS Examples

Text

The CSS property to change the color of the text to Hex 445F58 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 #445F58 looks like.

```
.text, #text, p{  
    color:#445F58  
}
```

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 #445F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445F58
}
```

Border

The CSS property to change the border of an element to Hex 445F58 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
#445F58 }
```

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

```
.border{ border-color:#445F58 }
```

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

Here you see how a box with a 4 pixel #445F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445F58; -webkit-box-shadow:4px 4px  
4px 4px #445F58; box-shadow:4px 4px 4px  
4px #445F58 }
```

Background

The CSS property to change the background color of an element to Hex 445F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445F58 }
```

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

```
.background{ background-color:#445F58 }
```

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