

Converting Colors

Hex(465A57)

Have a look what the booklet for
Hex(465A57) contains.

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Color

Hex(465A57)

Conversions

Conversions Part 1

Format	Color
Hex	465A57
RGB	70, 90, 87
RGB Percent	27%, 35%, 34%
CMY	0.7255, 0.6471, 0.6588
CMYK	0.22, 0.00, 0.03, 0.65
HSL	171°, 12%, 31%
HSV	171°, 22%, 35%
XYZ	7.9023, 9.3025, 10.3959
YIQ	83.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

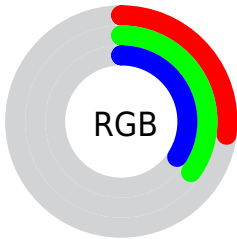
Format	Color
R_{YB}	70, 81, 90
Decimal	4610647
CIE _{Lab}	36.56, -8.33, -0.79
CIE _{LCh}	37, 8.364, 185.416
Yxy	9.3025, 0.2863, 0.3370
Android (android.graphics.Color)	4282800727 (0xFF465A57)
YUV	83.6780, 1.6377, -11.9956
Hunter-Lab	30.5001, -7.1276, 1.1411

Details

The Hex color **465A57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A4649**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **778C89**, and **1A2C2A** is the 20% darker color. If you saturate the color by 10%, you get **3D5A56**, and if you desaturate by 10%, it is **4F5A58**.

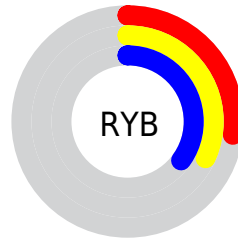
Distribution



Red (27%)

Green (35%)

Blue (34%)



Red (27%)

Yellow (32%)

Blue (35%)

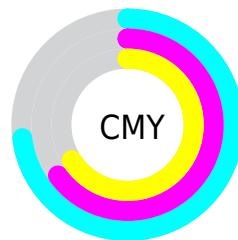


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A57 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 465A57 by changing the saturation by 10% instead.

■ 465A57

■ 465A57

FFFFFF

■ 2F4340

■ 778C89

■ 1A2C2A

■ 91A6A3

■ 011815

■ ABC2BE

■ 000000

■ C7DEDA

■ E3FAF6

■ 465A57

■ 465A57

■ 3D5A56

■ 4F5A58

■ 345A54

■ 585A5A

■ 2B5A53

■ 615A5B

■ 225A52

■ 6A5A5C

■ 195A50

■ 735A5E

■ 105A4F

■ 7C5A5F

■ 075A4E

■ 855A60

■ 005A4C

■ 8E5A62

■ 975A63

Harmonies

Analogous

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



4B5950



465A57



455A5E

Triad

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



465A57



595461



60544A

Complementary

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



465A57



5A4649

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.



64524F



465A57



60525C

Square

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



465A57



505663



645155



5A5649

Rectangle

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



465A57



475961



645155



62534B

Sweetspot

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



465A57



6D7574



495A46



363B3A



BABABA



3B3B3B

Same Dimension

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



465A57



567571



46535A



292E2D



006E5D



00EDCA

Inverse Universe

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



5A4649



75565A



5A4D46



2E292A



6E0010



ED0024

Previews

White Background



This preview shows how the Hex color 465A57 looks on a white background.

Color Contrast Check

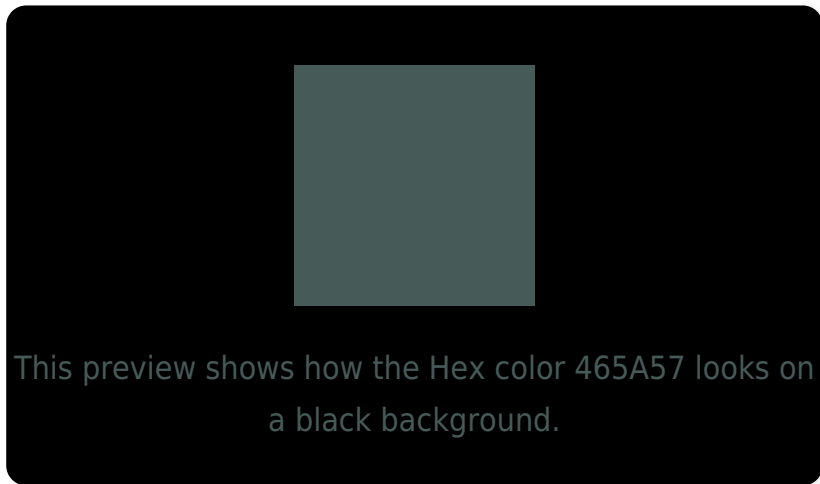
Large Text (above 18pt) WCAG AA ✓ Pass

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

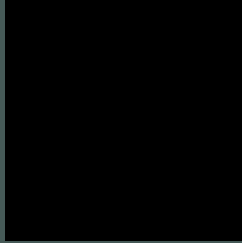
Any Text WCAG AA × Fail

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 465A57 Background



This preview shows how black text looks on a background with the Hex color 465A57.



This preview shows how white text looks on a background with the Hex color 465A57.

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](#).

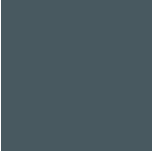
Dichromacy



Original Color
465A57

Protanopia
585554

Deuteranopia
5D5358



Tritanopia
485960

Trichromacy



Original Color
465A57

Protanomaly
515755

Deuteranomaly
555658

Tritanomaly
47595D

Monochromacy



Original Color
465A57

Achromatopsia
545454

Achromatomaly
4F5655

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A57 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 #465A57 looks like.

```
.text, #text, p{  
    color:#465A57  
}
```

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 #465A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A57  
}
```

Border

The CSS property to change the border of an element to Hex 465A57 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  
#465A57 }
```

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

```
.border{ border-color:#465A57 }
```

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

Here you see how a box with a 4 pixel #465A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A57; -webkit-box-shadow:4px 4px  
4px 4px #465A57; box-shadow:4px 4px 4px  
4px #465A57 }
```

Background

The CSS property to change the background color of an element to Hex 465A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A57 }
```

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

```
.background{ background-color:#465A57 }
```

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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