

Converting Colors

Hex(465A5E)

Have a look what the booklet for
Hex(465A5E) contains.

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Color

Hex(465A5E)

Conversions

Conversions Part 1

Format	Color
Hex	465A5E
RGB	70, 90, 94
RGB Percent	27%, 35%, 37%
CMY	0.7255, 0.6471, 0.6314
CMYK	0.26, 0.04, 0.00, 0.63
HSL	190°, 15%, 32%
HSV	190°, 26%, 37%
XYZ	8.2023, 9.4226, 11.9761
YIQ	84.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

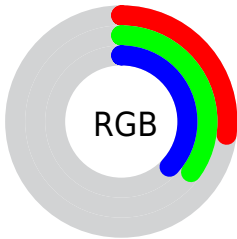
Format	Color
R_{YB}	70, 81, 94
Decimal	4610654
CIE Lab	36.79, -6.57, -4.82
CIE LCh	37, 8.145, 216.248
Yxy	9.4226, 0.2771, 0.3183
Android (android.graphics.Color)	4282800734 (0xFF465A5E)
YUV	84.4760, 4.6953, -12.6955
Hunter-Lab	30.6962, -6.0214, -1.6446

Details

The Hex color **465A5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E4A46**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **778C90**, and **192C30** is the 20% darker color. If you saturate the color by 10%, you get **3D585E**, and if you desaturate by 10%, it is **4F5C5E**.

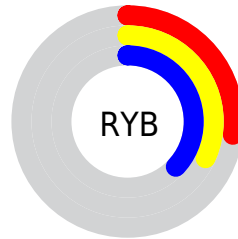
Distribution



Red (27%)

Green (35%)

Blue (37%)



Red (27%)

Yellow (32%)

Blue (37%)

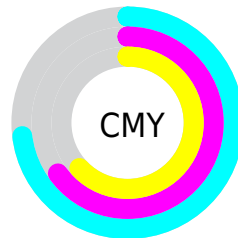


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A5E 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 465A5E by changing the saturation by 10% instead.



465A5E



465A5E

FFFFFF



2F4346



778C90



192C30



91A6AB



02181B



ABC2C6



000000



C7DDE2



E3FAFF



465A5E



465A5E



3D585E



4F5C5E



33575E



595D5E

■ 2A555E

■ 625F5E

■ 20545E

■ 6C605E

■ 17525E

■ 75625E

■ 0E515E

■ 7E635E

■ 044F5E

■ 88655E

■ 004E5E

■ 91675E

■ 9B685E

Harmonies

Analogous

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



475A58



465A5E



4A5962

Triad

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



465A5E



60535C



5A574A

Complementary

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



465A5E



5E4A46

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.



61544B



465A5E



645255

Square

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



465A5E



5A5461



64534F



53594C

Rectangle

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



465A5E



4F5763



64534F



5D564A

Sweetspot

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



465A5E



71797A



465E4A



373C3D



BDBDBD



3D3D3D

Same Dimension

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



465A5E



54747A



464E5E



292D2E



005B6E



00C6ED

Inverse Universe

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



5E465A



7A5474



5E5646



2E292D



6E005B



ED00C6

Previews

White Background



This preview shows how the Hex color 465A5E looks on a white background.

Color Contrast Check

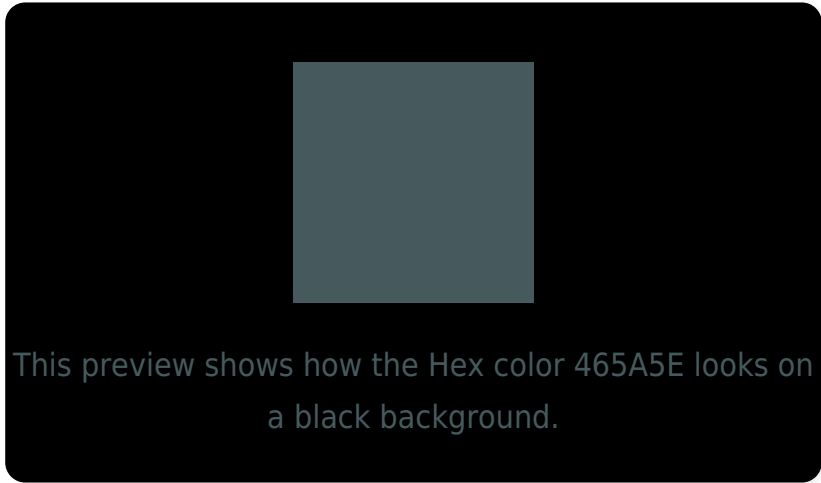
Large Text (above 18pt) WCAG AA ✓ Pass

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

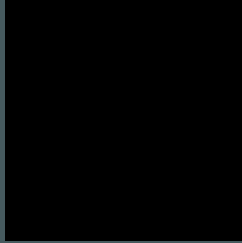
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

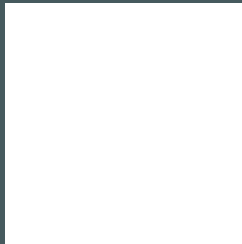
Any Text WCAG AAA × Fail

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

Hex 465A5E Background



This preview shows how black text looks on a background with the Hex color 465A5E.



This preview shows how white text looks on a background with the Hex color 465A5E.

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](#).

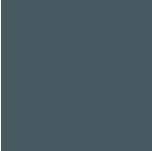
Dichromacy



Original Color
465A5E

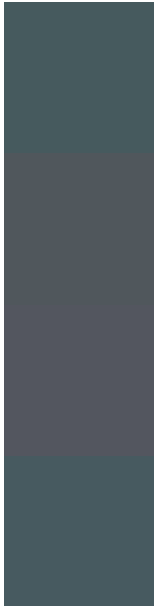
Protanopia
56565B

Deuteranopia
5B545F



Tritanopia
475A61

Trichromacy



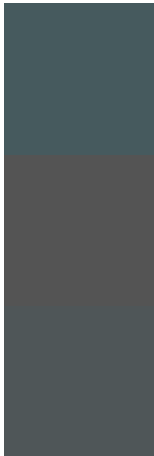
Original Color
465A5E

Protanomaly
50575C

Deuteranomaly
53565F

Tritanomaly
475A60

Monochromacy



Original Color
465A5E

Achromatopsia
545454

Achromatomaly
4F5658

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A5E 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 #465A5E looks like.

```
.text, #text, p{  
    color:#465A5E  
}
```

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 #465A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A5E
}
```

Border

The CSS property to change the border of an element to Hex 465A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

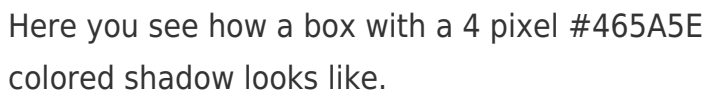
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465A5E }
```

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

```
.border{ border-color:#465A5E }
```

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



Here you see how a box with a 4 pixel #465A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A5E; -webkit-box-shadow:4px 4px  
4px 4px #465A5E; box-shadow:4px 4px 4px  
4px #465A5E }
```

Background

The CSS property to change the background color of an element to Hex 465A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A5E }
```

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

```
.background{ background-color:#465A5E }
```

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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