

Converting Colors

Hex(465E5D)

Have a look what the booklet for
Hex(465E5D) contains.

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Color

Hex(465E5D)

Conversions

Conversions Part 1

Format	Color
Hex	465E5D
RGB	70, 94, 93
RGB Percent	27%, 37%, 36%
CMY	0.7255, 0.6314, 0.6353
CMYK	0.26, 0.00, 0.01, 0.63
HSL	177°, 15%, 32%
HSV	177°, 26%, 37%
XYZ	8.5043, 10.0978, 11.8568
YIQ	86.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

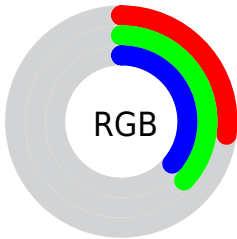
Format	Color
R_{YB}	70, 82, 94
Decimal	4611677
CIE _{Lab}	38.02, -9.20, -2.37
CIE _{LCh}	38, 9.502, 194.462
Yxy	10.0978, 0.2792, 0.3315
Android (android.graphics.Color)	4282801757 (0xFF465E5D)
YUV	86.7100, 3.1010, -14.6547
Hunter-Lab	31.7771, -7.8391, 0.1214

Details

The Hex color **465E5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4647**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **77908F**, and **19302F** is the 20% darker color. If you saturate the color by 10%, you get **3D5E5D**, and if you desaturate by 10%, it is **4F5E5D**.

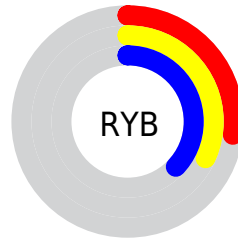
Distribution



Red (27%)

Green (37%)

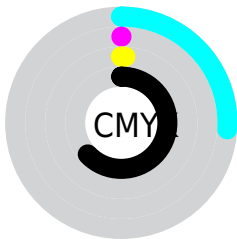
Blue (36%)



Red (27%)

Yellow (32%)

Blue (37%)

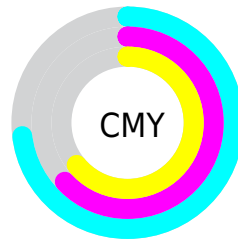


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465E5D 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 465E5D by changing the saturation by 10% instead.

■ 465E5D

■ 465E5D

FFFFFF

■ 2F4645

■ 77908F

■ 19302F

■ 91ABAA

■ 021B1A

■ ACC6C5

■ 000000

■ C7E2E1

■ E3FFFE

■ 465E5D

■ 465E5D

■ 3D5E5D

■ 4F5E5D

■ 335E5C

■ 595E5E

■ 2A5E5C

■ 625E5E

■ 205E5B

■ 6C5E5F

■ 175E5B

■ 755E5F

■ 0E5E5B

■ 7E5E5F

■ 045E5A

■ 885E60

■ 005E5A

■ 915E60

■ 9B5E61

Harmonies

Analogous

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



4B5E55



465E5D



465D64

Triad

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



465E5D



5F5664



63584B

Complementary

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



465E5D



5E4647

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.



69554F



465E5D



67555E

Square

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



465E5D



565968



6A5456



5C5A4B

Rectangle

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



465E5D



4A5C67



6A5456



65574C

Sweetspot

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



465E5D



717A7A



475E46



373D3D



BDBDBD



3D3D3D

Same Dimension

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



465E5D



547A79



46535E



292E2E



006E69



00EDE3

Inverse Universe

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



5E4647



7A5456



5E5146



2E292A



6E0005



ED000A

Previews

White Background



This preview shows how the Hex color 465E5D looks on a white background.

Color Contrast Check

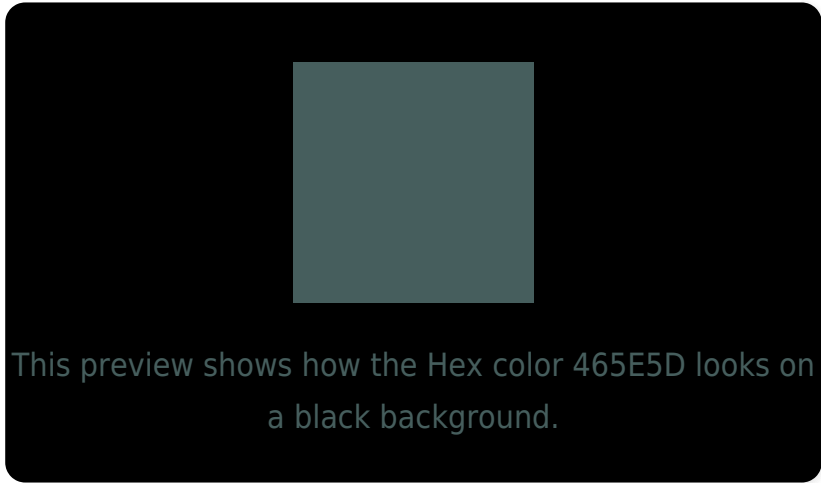
Large Text (above 18pt) WCAG AA ✓ Pass

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

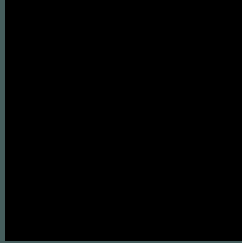
Any Text WCAG AA × Fail

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 465E5D Background



This preview shows how black text looks on a background with the Hex color 465E5D.



This preview shows how white text looks on a background with the Hex color 465E5D.

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
465E5D

Protanopia
5B595A

Deuteranopia
5F575F



Tritanopia
485D64

Trichromacy



Original Color
465E5D

Protanomaly
535B5B

Deuteranomaly
565A5E

Tritanomaly
475D61

Monochromacy



Original Color
465E5D

Achromatopsia
575757

Achromatomaly
515A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 465E5D 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 #465E5D looks like.

```
.text, #text, p{  
    color:#465E5D  
}
```

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 #465E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465E5D
}
```

Border

The CSS property to change the border of an element to Hex 465E5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

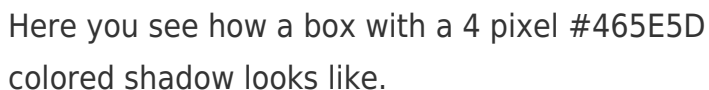
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465E5D }
```

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

```
.border{ border-color:#465E5D }
```

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



Here you see how a box with a 4 pixel #465E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465E5D; -webkit-box-shadow:4px 4px  
4px 4px #465E5D; box-shadow:4px 4px 4px  
4px #465E5D }
```

Background

The CSS property to change the background color of an element to Hex 465E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465E5D }
```

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

```
.background{ background-color:#465E5D }
```

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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