

Converting Colors

Hex(465B5C)

Have a look what the booklet for
Hex(465B5C) contains.

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Color

Hex(465B5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 465B5C |
| RGB | 70, 91, 92 |
| RGB Percent | 27%, 36%, 36% |
| CMY | 0.7255, 0.6431, 0.6392 |
| CMYK | 0.24, 0.01, 0.00, 0.64 |
| HSL | 183°, 14%, 32% |
| HSV | 183°, 24%, 36% |
| XYZ | 8.1986, 9.5570, 11.5378 |
| YIQ | 84.8350, -12.8370, -4.1410 |

Conversions

Conversions Part 2

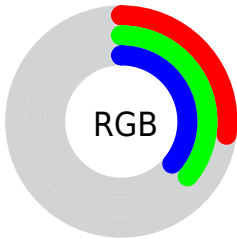
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 70, 81, 92 |
| Decimal | 4610908 |
| CIE _{Lab} | 37.04, -7.68, -3.20 |
| CIE _{LCh} | 37, 8.320, 202.635 |
| Yxy | 9.5570, 0.2799, 0.3263 |
| Android (android.graphics.Color) | 4282800988 (0xFF465B5C) |
| YUV | 84.8350, 3.5323, -13.0103 |
| Hunter-Lab | 30.9143, -6.7610, -0.4880 |

Details

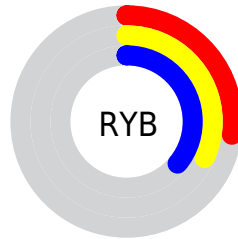
The Hex color **465B5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C4746**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **778D8E**, and **192D2E** is the 20% darker color. If you saturate the color by 10%, you get **3D5B5C**, and if you desaturate by 10%, it is **4F5B5C**.

Distribution



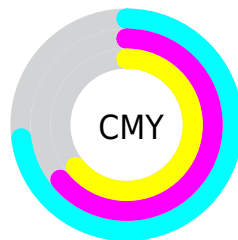
- Red (27%)
- Green (36%)
- Blue (36%)



- Red (27%)
- Yellow (32%)
- Blue (36%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465B5C 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 465B5C by changing the saturation by 10% instead.

■ 465B5C

■ 465B5C

FFFFFF

■ 2F4445

■ 778D8E

■ 192D2E

■ 91A8A9

■ 02191A

■ ABC3C4

■ 000000

■ C7DFE0

■ E3FBFC

■ 465B5C

■ 465B5C

■ 3D5B5C

■ 4F5B5C

■ 345A5C

■ 585C5C

■ 2A5A5C

■ 625C5C

■ 21595C

■ 6B5D5C

■ 18595C

■ 745D5C

■ 0F585C

■ 7D5E5C

■ 06585C

■ 865E5C

■ 00585C

■ 905E5C

■ 995F5C

Harmonies

Analogous

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



495B55



465B5C



485A62

Triad

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



465B5C



5E545F



5E564A

Complementary

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



465B5C



5C4746

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.



63544D



465B5C



645359

Square

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



465B5C



565663



665352



57584B

Rectangle

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



465B5C



4C5964



665352



60554B

Sweetspot

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



465B5C



6F7778



465C47



383D3D



BDBDBD



3D3D3D

Same Dimension

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



465B5C



557678



46505C



292E2E



00696E



00E2ED

Inverse Universe

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



5C465B



785576



5C5246



2E292E



6E0069



ED00E2

Previews

White Background



This preview shows how the Hex color 465B5C looks on a white background.

Color Contrast Check

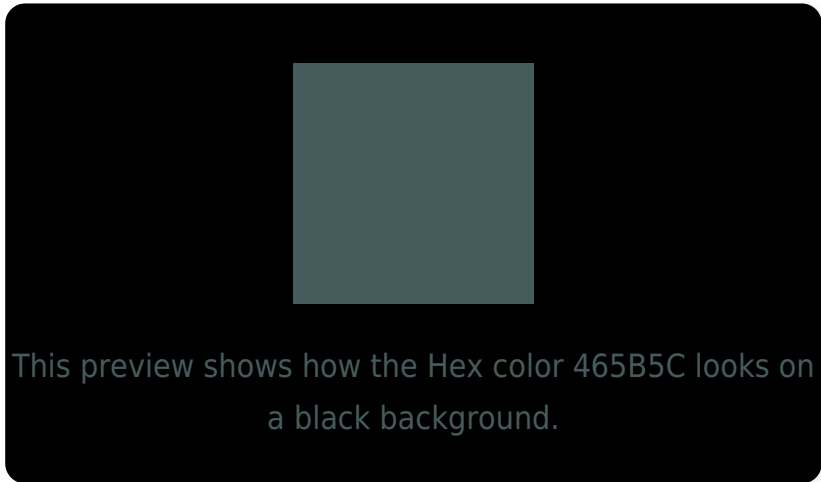
Large Text (above 18pt) WCAG AA ✓ Pass

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

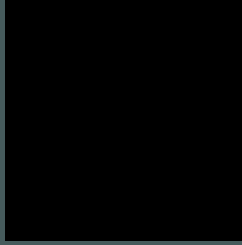
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

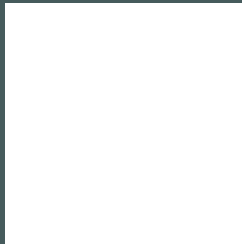
Any Text WCAG AAA × Fail

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

Hex 465B5C Background



This preview shows how black text looks on a background with the Hex color 465B5C.



This preview shows how white text looks on a background with the Hex color 465B5C.

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](#).

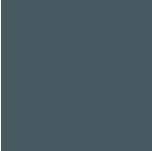
Dichromacy



Original Color
465B5C

Protanopia
585659

Deuteranopia
5C545D



Tritanopia
475A61

Trichromacy



Original Color
465B5C

Protanomaly
51585A

Deuteranomaly
54575D

Tritanomaly
475A5F

Monochromacy



Original Color
465B5C

Achromatopsia
555555

Achromatomaly
505758

CSS Examples

Text

The CSS property to change the color of the text to Hex 465B5C 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 #465B5C looks like.

```
.text, #text, p{  
    color:#465B5C  
}
```

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 #465B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465B5C  
}
```

Border

The CSS property to change the border of an element to Hex 465B5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

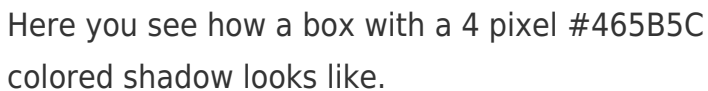
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#465B5C }
```

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

```
.border{ border-color:#465B5C }
```

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



Here you see how a box with a 4 pixel #465B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465B5C; -webkit-box-shadow:4px 4px  
4px 4px #465B5C; box-shadow:4px 4px 4px  
4px #465B5C }
```

Background

The CSS property to change the background color of an element to Hex 465B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465B5C }
```

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

```
.background{ background-color:#465B5C }
```

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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