

Converting Colors

Hex(465E5B)

Have a look what the booklet for
Hex(465E5B) contains.

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Color

Hex(465E5B)

Conversions

Conversions Part 1

Format	Color
Hex	465E5B
RGB	70, 94, 91
RGB Percent	27%, 37%, 36%
CMY	0.7255, 0.6314, 0.6431
CMYK	0.26, 0.00, 0.03, 0.63
HSL	172°, 15%, 32%
HSV	172°, 26%, 37%
XYZ	8.4168, 10.0628, 11.3962
YIQ	86.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

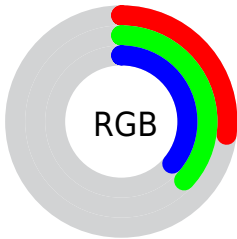
Format	Color
R_{YB}	70, 83, 94
Decimal	4611675
CIE Lab	37.95, -9.70, -1.23
CIE LCh	38, 9.778, 187.213
Yxy	10.0628, 0.2817, 0.3368
Android (android.graphics.Color)	4282801755 (0xFF465E5B)
YUV	86.4820, 2.2274, -14.4547
Hunter-Lab	31.7220, -8.1519, 0.9052

Details

The Hex color **465E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4649**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **77908D**, and **19302D** is the 20% darker color. If you saturate the color by 10%, you get **3D5E5A**, and if you desaturate by 10%, it is **4F5E5C**.

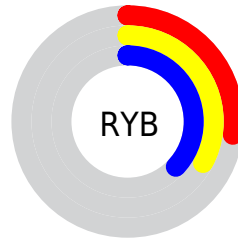
Distribution



 Red (27%)

 Green (37%)

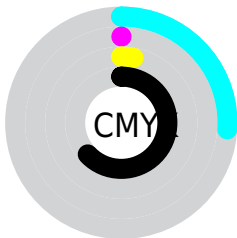
 Blue (36%)



 Red (27%)

 Yellow (33%)

 Blue (37%)

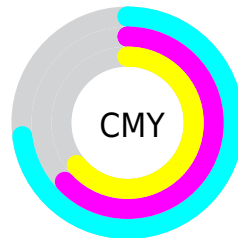


 Cyan (26%)


 Magenta (0%)

 Yellow (3%)

 Black (63%)



 Cyan (73%)

 Magenta (63%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465E5B 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 465E5B by changing the saturation by 10% instead.



465E5B



465E5B

FFFFFF



2F4644



77908D



19302D



91ABA7



021B19



ACC6C3



000000



C7E2DF



E3FFFB



465E5B



465E5B



3D5E5A



4F5E5C



335E59



595E5D

■ 2A5E57

■ 625E5F

■ 205E56

■ 6C5E60

■ 175E55

■ 755E61

■ 0E5E54

■ 7E5E62

■ 045E53

■ 885E63

■ 005E52

■ 915E64

■ 9B5E66

Harmonies

Analogous

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



4C5D53



465E5B



455D63

Triad

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



465E5B



5D5766



65574B

Complementary

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



465E5B



5E4649

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.



695550



465E5B



655560

Square

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



465E5B



535969



6A5458



5E594A

Rectangle

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



465E5B



485C66



6A5458



67564C

Sweetspot

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



465E5B



717A79



495E46



373D3C



BDBDBD



3D3D3D

Same Dimension

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



465E5B



547A76



46555E



292E2D



006E60



00EDD0

Inverse Universe

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



5E4649



7A5459



5E4F46



2E292A



6E000E



ED001E

Previews

White Background



This preview shows how the Hex color 465E5B looks on a white background.

Color Contrast Check

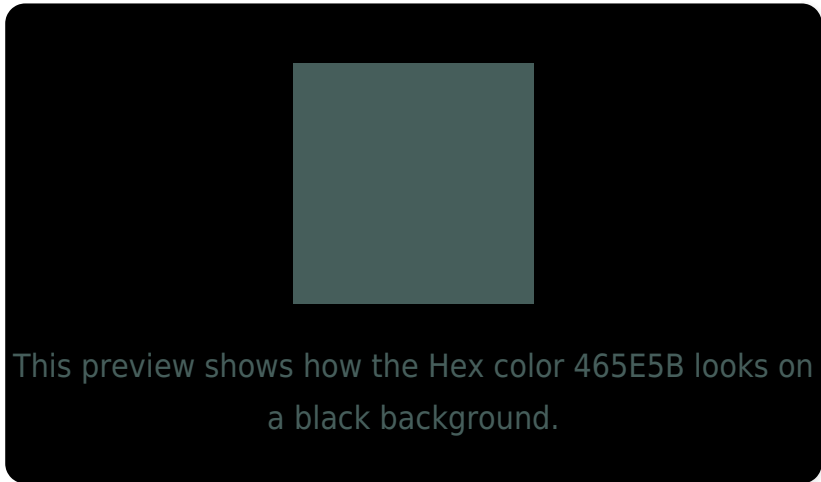
Large Text (above 18pt) WCAG AA ✓ Pass

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

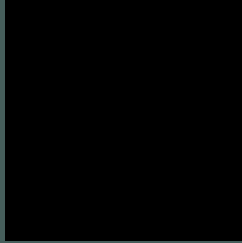
Any Text WCAG AA × Fail

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 465E5B Background



This preview shows how black text looks on a background with the Hex color 465E5B.

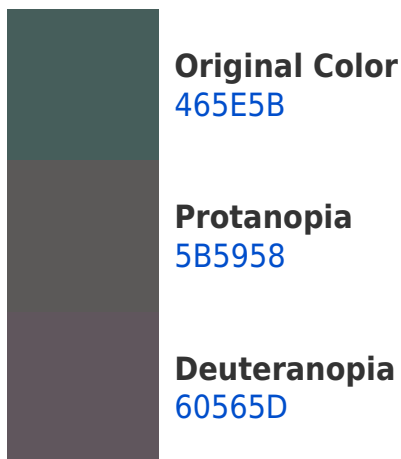



This preview shows how white text looks on a background with the Hex color 465E5B.

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





Tritanopia
485D64

Trichromacy



Original Color
465E5B

Protanomaly
535B59

Deuteranomaly
57595C

Tritanomaly
475D61

Monochromacy



Original Color
465E5B

Achromatopsia
565656

Achromatomaly
505958

CSS Examples

Text

The CSS property to change the color of the text to Hex 465E5B 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 #465E5B looks like.

```
.text, #text, p{  
    color:#465E5B  
}
```

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 #465E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465E5B
}
```

Border

The CSS property to change the border of an element to Hex 465E5B 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
#465E5B }
```

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

```
.border{ border-color:#465E5B }
```

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

Here you see how a box with a 4 pixel #465E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465E5B; -webkit-box-shadow:4px 4px  
4px 4px #465E5B; box-shadow:4px 4px 4px  
4px #465E5B }
```

Background

The CSS property to change the background color of an element to Hex 465E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465E5B }
```

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

```
.background{ background-color:#465E5B }
```

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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