

Converting Colors

Hex(465A67)

Have a look what the booklet for
Hex(465A67) contains.

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Color

Hex(465A67)

Conversions

Conversions Part 1

Format	Color
Hex	465A67
RGB	70, 90, 103
RGB Percent	27%, 35%, 40%
CMY	0.7255, 0.6471, 0.5961
CMYK	0.32, 0.13, 0.00, 0.60
HSL	204°, 19%, 34%
HSV	204°, 32%, 40%
XYZ	8.6301, 9.5937, 14.2289
YIQ	85.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

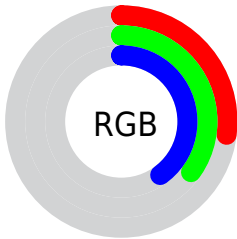
Format	Color
R_{YB}	70, 82, 103
Decimal	4610663
CIE Lab	37.10, -4.16, -9.94
CIE LCh	37, 10.772, 247.272
Yxy	9.5937, 0.2659, 0.2956
Android (android.graphics.Color)	4282800743 (0xFF465A67)
YUV	85.5020, 8.6265, -13.5953
Hunter-Lab	30.9737, -4.4689, -5.5554

Details

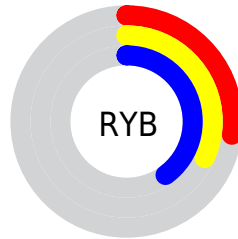
The Hex color **465A67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675346**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **778C9A**, and **182C38** is the 20% darker color. If you saturate the color by 10%, you get **3C5667**, and if you desaturate by 10%, it is **505E67**.

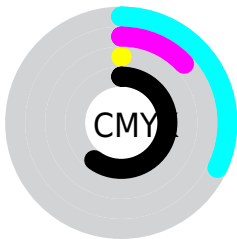
Distribution



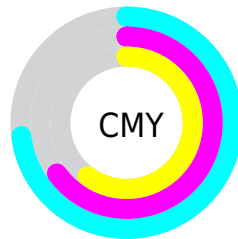
- Red (27%)
- Green (35%)
- Blue (40%)



- Red (27%)
- Yellow (32%)
- Blue (40%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A67 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 465A67 by changing the saturation by 10% instead.



465A67



465A67

FFFFFF



2F434F



778C9A



182C38



91A6B5



021823



ACC1D0



00000C



C8DDED



000000



E4FAFF



465A67



465A67



3C5667



505E67



315267



5B6267

■ 274E67

■ 656667

■ 1D4A67

■ 6F6A67

■ 134667

■ 7A6E67

■ 084267

■ 847267

■ 003E67

■ 8E7667

■ 987A67

■ A37F67

Harmonies

Analogous

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



405C61



465A67



505768

Triad

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



465A67



695155



525A49

Complementary

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



465A67



675346

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.



5C5746



465A67



69524D

Square

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



465A67



64525E



645548



495C50

Rectangle

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



465A67



585567



645548



555948

Sweetspot

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



465A67



7A8287



466753



3D4245



C4C4C4



454545

Same Dimension

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



465A67



547387



464A67



2E3133



004673



0093F2

Inverse Universe

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



67465A



875473



676346



332E31



730046



F20093

Previews

White Background



This preview shows how the Hex color 465A67 looks on a white background.

Color Contrast Check

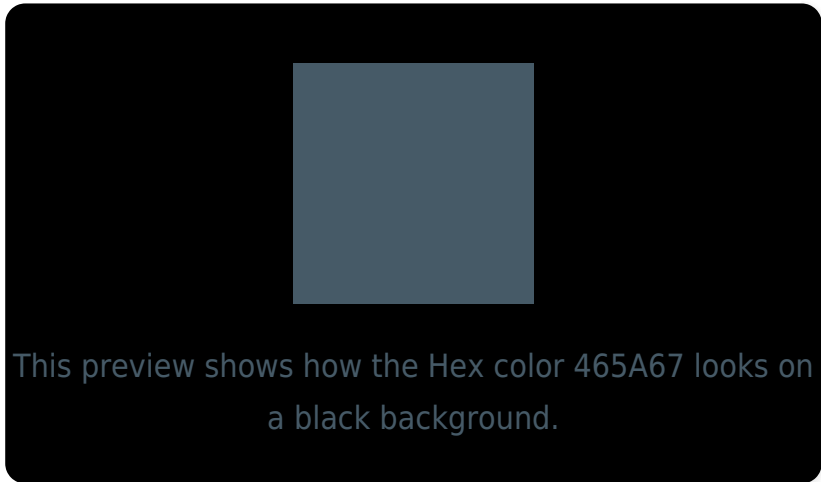
Large Text (above 18pt) WCAG AA ✓ Pass

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

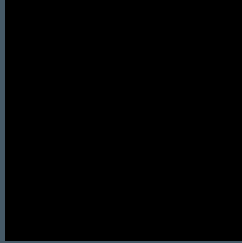
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

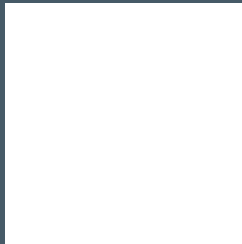
Any Text WCAG AAA × Fail

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

Hex 465A67 Background



This preview shows how black text looks on a background with the Hex color 465A67.

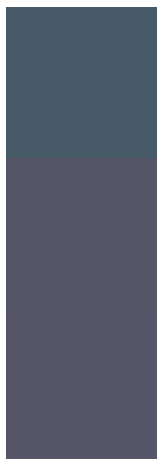


This preview shows how white text looks on a background with the Hex color 465A67.

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
465A67

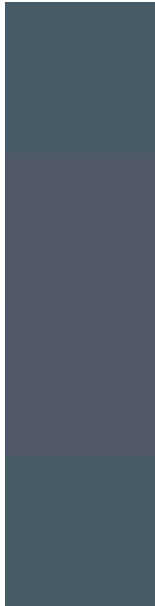
Protanopia
555665

Deuteranopia
575568



Tritanopia
455B62

Trichromacy



Original Color
465A67

Protanomaly
505766

Deuteranomaly
515768

Tritanomaly
455B64

Monochromacy



Original Color
465A67

Achromatopsia
565656

Achromatomaly
50575C

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A67 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 #465A67 looks like.

```
.text, #text, p{  
    color:#465A67  
}
```

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 #465A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A67
}
```

Border

The CSS property to change the border of an element to Hex 465A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

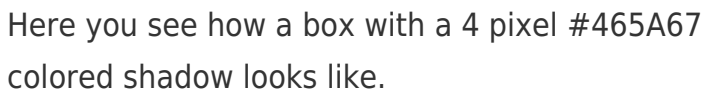
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465A67 }
```

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

```
.border{ border-color:#465A67 }
```

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



Here you see how a box with a 4 pixel #465A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A67; -webkit-box-shadow:4px 4px  
4px 4px #465A67; box-shadow:4px 4px 4px  
4px #465A67 }
```

Background

The CSS property to change the background color of an element to Hex 465A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A67 }
```

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

```
.background{ background-color:#465A67 }
```

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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