

Converting Colors

Hex(465A62)

Have a look what the booklet for
Hex(465A62) contains.

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Color

Hex(465A62)

Conversions

Conversions Part 1

Format	Color
Hex	465A62
RGB	70, 90, 98
RGB Percent	27%, 35%, 38%
CMY	0.7255, 0.6471, 0.6157
CMYK	0.29, 0.08, 0.00, 0.62
HSL	197°, 17%, 33%
HSV	197°, 29%, 38%
XYZ	8.3866, 9.4963, 12.9462
YIQ	84.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

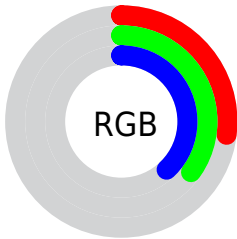
Format	Color
R_{YB}	70, 82, 98
Decimal	4610658
CIE _{Lab}	36.92, -5.52, -7.10
CIE _{LCh}	37, 8.993, 232.143
Yxy	9.4963, 0.2720, 0.3080
Android (android.graphics.Color)	4282800738 (0xFF465A62)
YUV	84.9320, 6.4425, -13.0954
Hunter-Lab	30.8160, -5.3493, -3.3373

Details

The Hex color **465A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **624E46**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **778C95**, and **192C34** is the 20% darker color. If you saturate the color by 10%, you get **3C5762**, and if you desaturate by 10%, it is **505D62**.

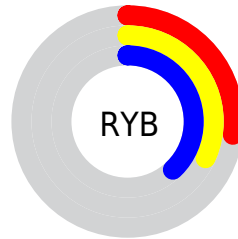
Distribution



Red (27%)

Green (35%)

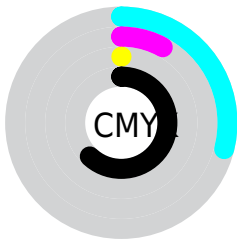
Blue (38%)



Red (27%)

Yellow (32%)

Blue (38%)

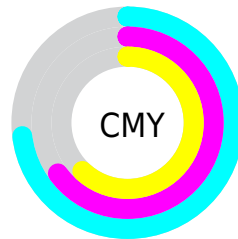


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (62%)



Cyan (73%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A62 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 465A62 by changing the saturation by 10% instead.

■ 465A62

■ 465A62

FFFFFF

■ 2F434A

■ 778C95

■ 192C34

■ 91A6AF

■ 02181F

■ ACC2CB

■ 000004

■ C7DDE7

■ 000000

■ E3FAFF

■ 465A62

■ 465A62

■ 3C5762

■ 505D62

■ 325462

■ 5A6062

■ 295262

■ 636262

■ 1F4F62

■ 6D6562

■ 154C62

■ 776862

■ 0B4962

■ 816B62

■ 014662

■ 8B6E62

■ 004662

■ 947062

■ 9E7362

Harmonies

Analogous

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



445B5C



465A62



4D5865

Triad

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



465A62



645259



575849

Complementary

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



465A62



624E46

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.



5F5649



465A62



665252

Square

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



465A62



5F5360



64534C



4F5A4E

Rectangle

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



465A62



535665



64534C



5A5749

Sweetspot

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



465A62



747C80



46624E



393E40



BFBFBF



404040

Same Dimension

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



465A62



547380



464C62



2C2F30



005070



00ABF0

Inverse Universe

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



62465A



805473



625C46



302C2F



700050



F000AB

Previews

White Background



This preview shows how the Hex color 465A62 looks on a white background.

Color Contrast Check

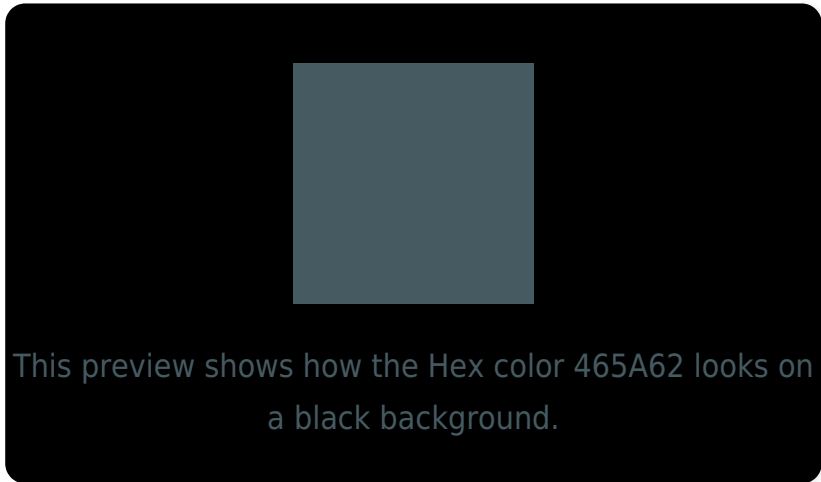
Large Text (above 18pt) WCAG AA ✓ Pass

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

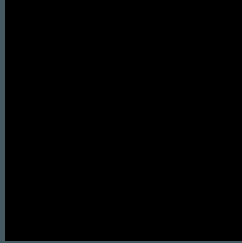
Any Text WCAG AA × Fail

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 465A62 Background



This preview shows how black text looks on a background with the Hex color 465A62.



This preview shows how white text looks on a background with the Hex color 465A62.

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](#).

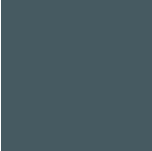
Dichromacy



Original Color
465A62

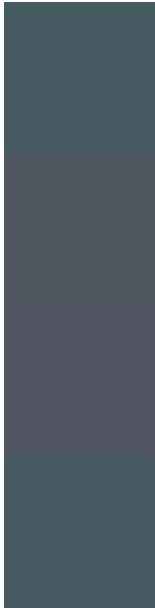
Protanopia
56565F

Deuteranopia
595463



Tritanopia
465A61

Trichromacy



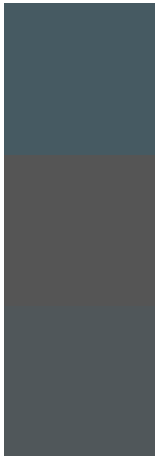
Original Color
465A62

Protanomaly
505760

Deuteranomaly
525663

Tritanomaly
465A61

Monochromacy



Original Color
465A62

Achromatopsia
555555

Achromatomaly
50575A

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A62 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 #465A62 looks like.

```
.text, #text, p{  
    color:#465A62  
}
```

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 #465A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A62
}
```

Border

The CSS property to change the border of an element to Hex 465A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

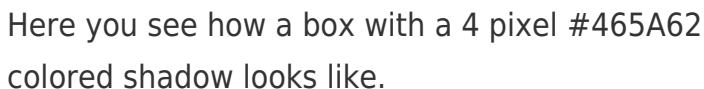
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465A62 }
```

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

```
.border{ border-color:#465A62 }
```

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



Here you see how a box with a 4 pixel #465A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A62; -webkit-box-shadow:4px 4px  
4px 4px #465A62; box-shadow:4px 4px 4px  
4px #465A62 }
```

Background

The CSS property to change the background color of an element to Hex 465A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A62 }
```

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

```
.background{ background-color:#465A62 }
```

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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