

# Converting Colors

Hex(465D66)

Have a look what the booklet for  
Hex(465D66) contains.

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# Color

Hex(465D66)

# Conversions

## Conversions Part 1

Format	Color
Hex	465D66
RGB	70, 93, 102
RGB Percent	27%, 36%, 40%
CMY	0.7255, 0.6353, 0.6000
CMYK	0.31, 0.09, 0.00, 0.60
HSL	197°, 19%, 34%
HSV	197°, 31%, 40%
XYZ	8.8384, 10.0901, 14.0521
YIQ	87.1490, -16.5970, -2.0770

# Conversions

## Conversions Part 2

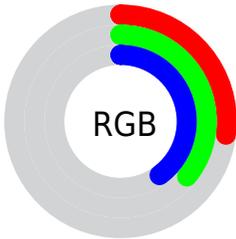
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 83, 102
Decimal	4611430
CIE <sub>Lab</sub>	38.00, -6.25, -7.96
CIE <sub>LCh</sub>	38, 10.121, 231.865
Yxy	10.0901, 0.2680, 0.3059
Android (android.graphics.Color)	4282801510 (0xFF465D66)
YUV	87.1490, 7.3215, -15.0397
Hunter-Lab	31.7649, -5.9220, -3.9932

# Details

The Hex color **465D66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664F46**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **778F99**, and **182F37** is the 20% darker color. If you saturate the color by 10%, you get **3C5A66**, and if you desaturate by 10%, it is **506066**.

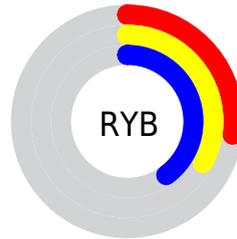
# Distribution



Red (27%)

Green (36%)

Blue (40%)



Red (27%)

Yellow (33%)

Blue (40%)

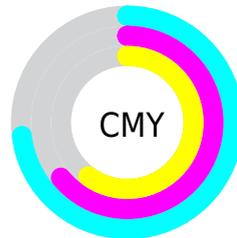


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (64%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465D66 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 465D66 by changing the saturation by 10% instead.

■ 465D66

■ 465D66

FFFFFF

■ 2F454E

■ 778F99

■ 182F37

■ 91AAB4

■ 021A22

■ ACC5CF

■ 00000B

■ C8E1EB

■ 000000

■ E4FEFF

■ 465D66

■ 465D66

■ 3C5A66

■ 506066

■ 325766

■ 5A6366

■ 275466

■ 656666

■ 1D5266

■ 6F6866

■ 134F66

■ 796B66

■ 094C66

■ 836E66

■ 004966

■ 8D7166

■ 987466

■ A27766

# Harmonies

## Analogous

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



445E5F



465D66



4E5B69

# Triad

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



465D66



69545C



595B4A

# Complementary

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



465D66



664F46

# 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.



625849



465D66



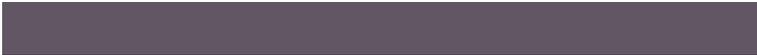
6B5454

# Square

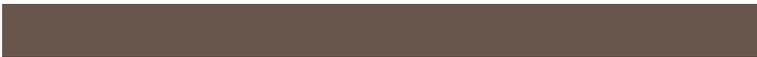
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



465D66



625664



68564D



505D4F

# Rectangle

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



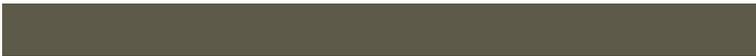
465D66



555969



68564D



5D5A49

# Sweetspot

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



465D66



798185



46664F



3B4042



C2C2C2



424242



# Same Dimension

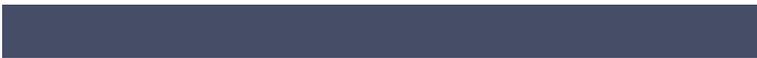
The Same Dimension uses a secret algorithm to generate beautiful new colors.



465D66



527685



464D66



2E3233



005273



00AEF2



# Inverse Universe

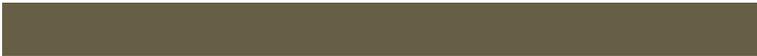
The Inverse Universe completely reimagines the original color for something new.



66465D



855276



665F46



332E32



730052



F200AE



# Previews

## White Background



This preview shows how the Hex color 465D66 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

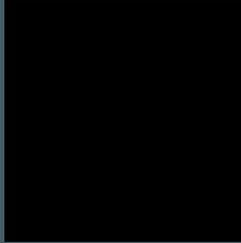
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

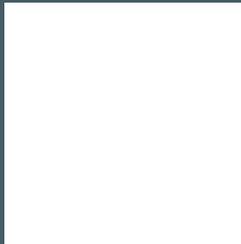
Any Text WCAG AAA × Fail

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

## Hex 465D66 Background



This preview shows how black text looks on a background with the Hex color 465D66.



This preview shows how white text looks on a background with the Hex color 465D66.

# 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**  
465D66

**Protanopia**  
585963

**Deuteranopia**  
5B5767



**Tritanopia**  
465D65

# Trichromacy



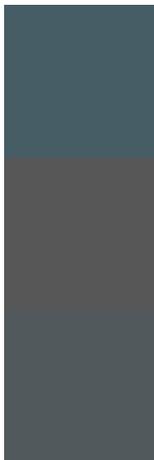
**Original Color**  
465D66

**Protanomaly**  
515A64

**Deuteranomaly**  
535967

**Tritanomaly**  
465D65

# Monochromacy



**Original Color**  
465D66

**Achromatopsia**  
575757

**Achromatomaly**  
51595C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465D66 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 #465D66 looks like.

```
.text, #text, p{  
    color:#465D66  
}
```

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 #465D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465D66
}
```

## Border

The CSS property to change the border of an element to Hex 465D66 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
#465D66 }
```

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

```
.border{ border-color:#465D66 }
```

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

Here you see how a box with a 4 pixel #465D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465D66; -webkit-box-shadow:4px 4px  
4px 4px #465D66; box-shadow:4px 4px 4px  
4px #465D66 }
```

# Background

The CSS property to change the background color of an element to Hex 465D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465D66 }
```

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

```
.background{ background-color:#465D66 }
```

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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