

# Converting Colors

Hex(395C62)

Have a look what the booklet for  
Hex(395C62) contains.

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# Color

Hex(395C62)

# Conversions

## Conversions Part 1

Format	Color
Hex	395C62
RGB	57, 92, 98
RGB Percent	22%, 36%, 38%
CMY	0.7765, 0.6392, 0.6157
CMYK	0.42, 0.06, 0.00, 0.62
HSL	189°, 26%, 30%
HSV	189°, 42%, 38%
XYZ	7.7191, 9.4060, 12.9640
YIQ	82.2190, -22.7860, -5.5540

# Conversions

## Conversions Part 2

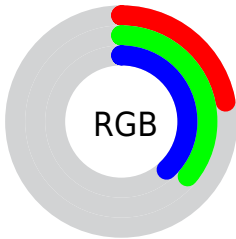
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 76, 98
Decimal	3759202
CIELab	36.75, -10.86, -7.44
CIELCh	37, 13.164, 214.390
Yxy	9.4060, 0.2565, 0.3126
Android (android.graphics.Color)	4281949282 (0xFF395C62)
YUV	82.2190, 7.7800, -22.1171
Hunter-Lab	30.6692, -8.7446, -3.5937

# Details

The Hex color **395C62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **623F39**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6A8E95**, and **072E34** is the 20% darker color. If you saturate the color by 10%, you get **2F5B62**, and if you desaturate by 10%, it is **435D62**.

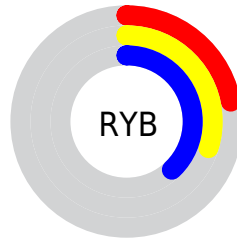
# Distribution



Red (22%)

Green (36%)

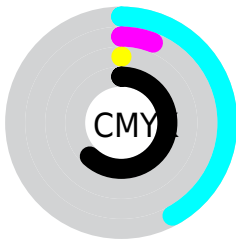
Blue (38%)



Red (22%)

Yellow (30%)

Blue (38%)

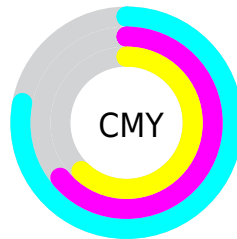


Cyan (42%)

Magenta (6%)

Yellow (0%)

Black (62%)



Cyan (78%)

Magenta (64%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395C62 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 395C62 by changing the saturation by 10% instead.





395C62



395C62

FFFFFF



21444A



6A8E95



072E34



84A9AF



001A1F



9FC4CB



000004



BAE0E7



000000



D6FDFF



F3FFFF



395C62



395C62



2F5B62



435D62

■ 255962

■ 4D5F62

■ 1C5862

■ 566062

■ 125662

■ 606262

■ 085562

■ 6A6362

■ 005462

■ 746562

■ 7E6662

■ 876762

■ 916962

# Harmonies

## Analogous

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



3C5D58



395C62



3F5A69

# Triad

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



395C62



665060



5D5641

# Complementary

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



395C62



623F39

# 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.



665344



395C62



6C4F55

# Square

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



395C62



5A5368



6C504B



515945

# Rectangle

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



395C62



47586B



6C504B



605542



# Sweetspot

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



395C62



6F7D80



39623E



363E40



BFBFBF



404040



# Same Dimension

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



395C62



407680



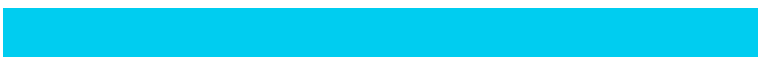
394862



2C3030



006070



00CDF0



# Inverse Universe

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



62395C



804076



625339



302C30



700060

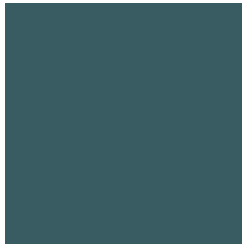


F000CD



# Previews

## White Background



This preview shows how the Hex color 395C62 looks on a white background.

## Color Contrast Check

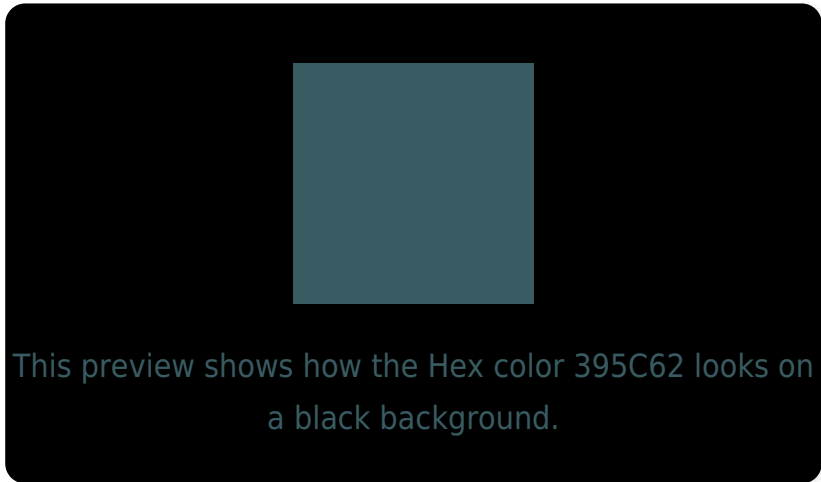
Large Text (above 18pt) WCAG AA ✓ Pass

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

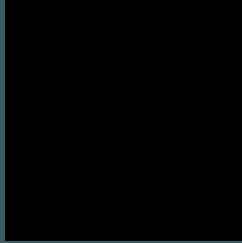
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

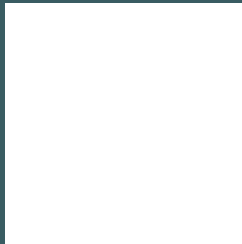
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 395C62 Background



This preview shows how black text looks on a background with the Hex color 395C62.



This preview shows how white text looks on a background with the Hex color 395C62.

# 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**  
395C62

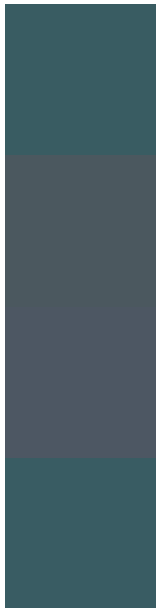
**Protanopia**  
55565E

**Deuteranopia**  
585464



**Tritanopia**  
395C63

# Trichromacy



**Original Color**  
395C62

**Protanomaly**  
4B585F

**Deuteranomaly**  
4D5763

**Tritanomaly**  
395C63

# Monochromacy



**Original Color**  
395C62

**Achromatopsia**  
525252

**Achromatomaly**  
495658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395C62 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 #395C62 looks like.

```
.text, #text, p{  
    color:#395C62  
}
```

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 #395C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395C62
}
```

## Border

The CSS property to change the border of an element to Hex 395C62 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".

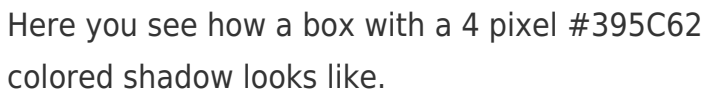
```
.border, #border, table{ border:4px solid
#395C62 }
```

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

```
.border{ border-color:#395C62 }
```

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

Here you see how a box with a 4 pixel #395C62 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395C62; -webkit-box-shadow:4px 4px  
4px 4px #395C62; box-shadow:4px 4px 4px  
4px #395C62 }
```

# Background

The CSS property to change the background color of an element to Hex 395C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395C62 }
```

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

```
.background{ background-color:#395C62 }
```

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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