

# Converting Colors

Hex(35495E)

Have a look what the booklet for  
Hex(35495E) contains.

<b>Hex(35495E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(35495E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35495E
RGB	53, 73, 94
RGB Percent	21%, 29%, 37%
CMY	0.7922, 0.7137, 0.6314
CMYK	0.44, 0.22, 0.00, 0.63
HSL	211°, 28%, 29%
HSV	211°, 44%, 37%
XYZ	5.8711, 6.3301, 11.5021
YIQ	69.4140, -18.6610, 2.2910

# Conversions

## Conversions Part 2

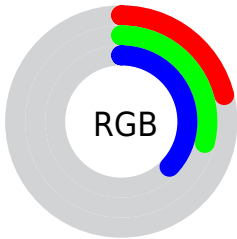
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 66, 94
Decimal	3492190
CIE <sub>Lab</sub>	30.23, -1.62, -14.84
CIE <sub>LCh</sub>	30, 14.925, 263.772
Yxy	6.3301, 0.2477, 0.2671
Android (android.graphics.Color)	4281682270 (0xFF35495E)
<b>YUV</b>	69.4140, 12.1209, -14.3951
Hunter-Lab	25.1597, -2.3759, -9.4933

# Details

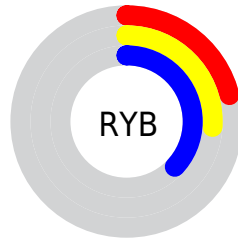
The Hex color **35495E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E4A35**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **667990**, and **051E30** is the 20% darker color. If you saturate the color by 10%, you get **2C445E**, and if you desaturate by 10%, it is **3E4E5E**.

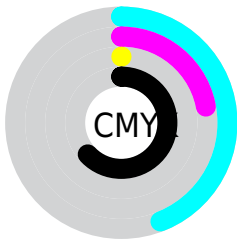
# Distribution



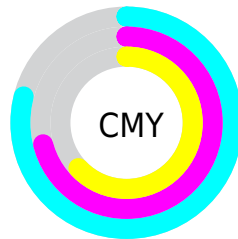
- Red (21%)
- Green (29%)
- Blue (37%)



- Red (21%)
- Yellow (26%)
- Blue (37%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (63%)



- Cyan (79%)
- Magenta (71%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35495E 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 35495E by changing the saturation by 10% instead.



■ 35495E

■ 35495E

FFFFFF

■ 1E3346

■ 667990

■ 051E30

■ 7F93AB

■ 00031B

■ 99AEC6

■ 000000

■ B5C9E2

■ D0E5FF

■ EDFFFF

■ 35495E

■ 35495E

■ 2C445E

■ 3E4E5E

■ 223F5E

■ 48535E

■ 193B5E

■ 51575E

■ 0F365E

■ 5B5C5E

■ 06315E

■ 64615E

■ 002E5E

■ 6D665E

■ 776B5E

■ 80705E

■ 8A745E

# Harmonies

## Analogous

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



274C5A



35495E



46455C

# Triad

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



35495E



5F3F3E



394C39

# Complementary

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



35495E



5E4A35

# 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.



464932



35495E



5B4235

# Square

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



35495E



5C3F4A



524630



2C4E44

# Rectangle

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



35495E



504258



524630



3D4B36



# Sweetspot

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



35495E



6A727A



355E4A



33383D



BDBDBD



3D3D3D



# Same Dimension

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



35495E



3B5A7A



35355E



292C2E



00356E



0074ED



# Inverse Universe

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



5E3549



7A3B5A



5E5E35



2E292C



6E0035

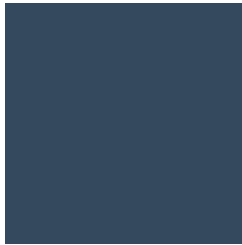


ED0074



# Previews

## White Background



This preview shows how the Hex color 35495E 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

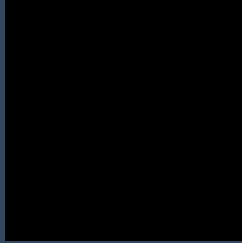
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

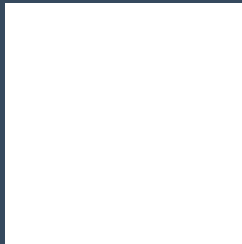
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35495E Background



This preview shows how black text looks on a background with the Hex color 35495E.

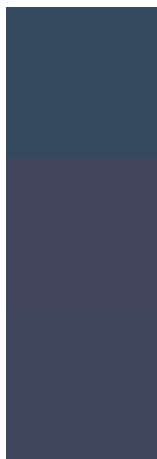


This preview shows how white text looks on a background with the Hex color 35495E.

# 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**  
35495E

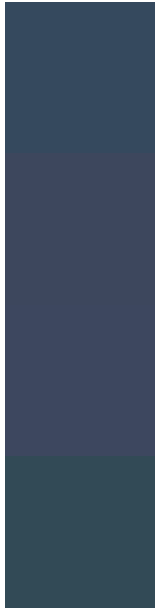
**Protanopia**  
41465C

**Deuteranopia**  
41465F



**Tritanopia**  
314B51

# Trichromacy



**Original Color**  
35495E

**Protanomaly**  
3D475D

**Deuteranomaly**  
3D475F

**Tritanomaly**  
324A56

# Monochromacy



**Original Color**  
35495E

**Achromatopsia**  
454545

**Achromatomaly**  
3F464E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35495E 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 #35495E looks like.

```
.text, #text, p{  
    color:#35495E  
}
```

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 #35495E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35495E
}
```

## Border

The CSS property to change the border of an element to Hex 35495E 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
#35495E }
```

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

```
.border{ border-color:#35495E }
```

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

Here you see how a box with a 4 pixel #35495E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35495E; -webkit-box-shadow:4px 4px  
4px 4px #35495E; box-shadow:4px 4px 4px  
4px #35495E }
```

# Background

The CSS property to change the background color of an element to Hex 35495E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35495E }
```

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

```
.background{ background-color:#35495E }
```

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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