

# Converting Colors

Hex(35616A)

Have a look what the booklet for  
Hex(35616A) contains.

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# Color

**Hex(35616A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35616A
RGB	53, 97, 106
RGB Percent	21%, 38%, 42%
CMY	0.7922, 0.6196, 0.5843
CMYK	0.50, 0.08, 0.00, 0.58
HSL	190°, 33%, 31%
HSV	190°, 50%, 42%
XYZ	8.3444, 10.3469, 15.1930
YIQ	84.8700, -29.1130, -6.5290

# Conversions

## Conversions Part 2

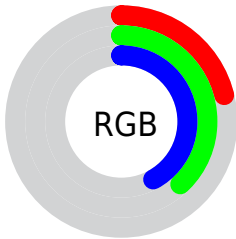
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 77, 106
Decimal	3498346
CIELab	38.46, -12.51, -9.84
CIELCh	38, 15.917, 218.194
Yxy	10.3469, 0.2463, 0.3054
Android (android.graphics.Color)	4281688426 (0xFF35616A)
YUV	84.8700, 10.4171, -27.9500
Hunter-Lab	32.1666, -9.9863, -5.4875

# Details

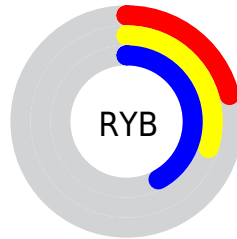
The Hex color **35616A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3E35**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **68949D**, and **00333B** is the 20% darker color. If you saturate the color by 10%, you get **2A5F6A**, and if you desaturate by 10%, it is **40636A**.

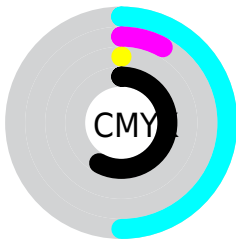
# Distribution



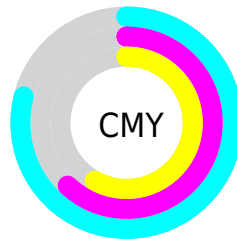
- Red (21%)
- Green (38%)
- Blue (42%)



- Red (21%)
- Yellow (30%)
- Blue (42%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35616A 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 35616A by changing the saturation by 10% instead.





35616A



35616A

FFFFFF



1B4952



68949D



00333B



82AEB8



001E25



9DCAD4



000110



B8E6F0



000000



D4FFFF



F1FFFF



35616A



35616A



2A5F6A



40636A

■ 205D6A

■ 4A656A

■ 155C6A

■ 55666A

■ 0B5A6A

■ 5F686A

■ 00586A

■ 6A6A6A

■ 756C6A

■ 7F6E6A

■ 8A6F6A

■ 94716A

# Harmonies

## Analogous

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



38625E



35616A



3F5E72

# Triad

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



35616A



6E5264



605B41

# Complementary

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



35616A



6A3E35

# 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.



6C5743



35616A



745157

# Square

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



35616A



61566F



74534B



525F46

# Rectangle

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



35616A



4A5C74



74534B



655941



# Sweetspot

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



35616A



75868A



356A3E



384345



C4C4C4



454545



# Same Dimension

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



35616A



377C8A



35476A



303536



006175



00CBF5



# Inverse Universe

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



6A3561



8A377C



6A5835



363035



750061

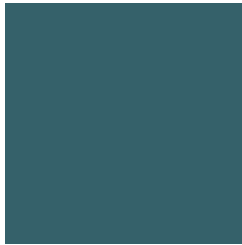


F500CB



# Previews

## White Background



This preview shows how the Hex color 35616A looks on a white background.

## Color Contrast Check

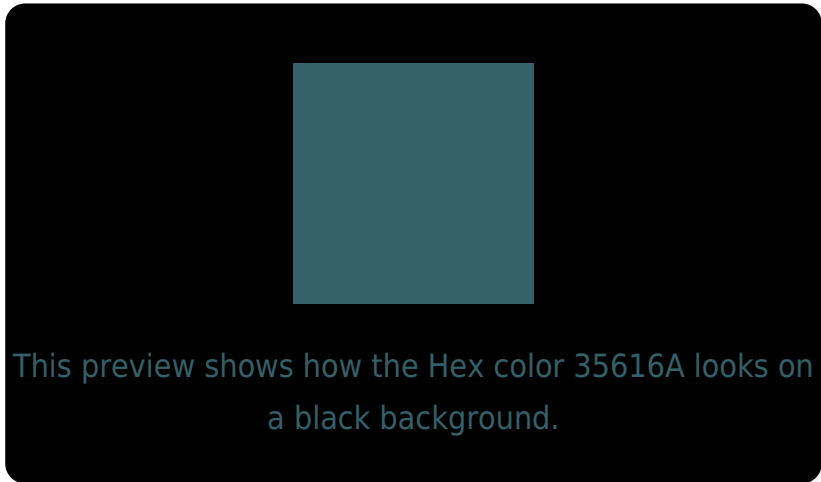
Large Text (above 18pt) WCAG AA ✓ Pass

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

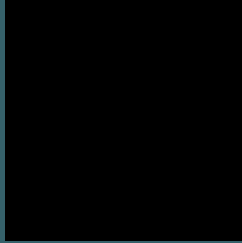
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

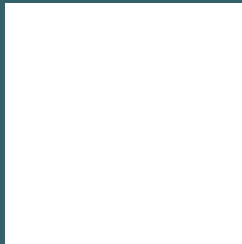
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35616A Background



This preview shows how black text looks on a background with the Hex color 35616A.

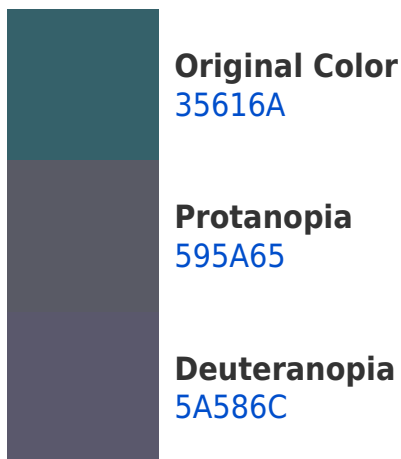


This preview shows how white text looks on a background with the Hex color 35616A.

# 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](#).

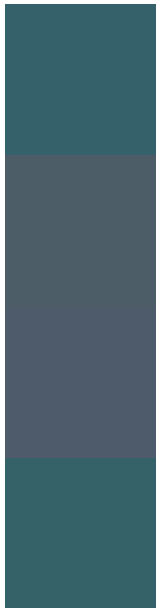
## Dichromacy





**Tritanopia**  
356169

# Trichromacy



**Original Color**  
35616A

**Protanomaly**  
4C5D67

**Deuteranomaly**  
4D5B6B

**Tritanomaly**  
356169

# Monochromacy



**Original Color**  
35616A

**Achromatopsia**  
555555

**Achromatomaly**  
49595D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35616A 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 #35616A looks like.

```
.text, #text, p{  
    color:#35616A  
}
```

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 #35616A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35616A
}
```

## Border

The CSS property to change the border of an element to Hex 35616A 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
#35616A }
```

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

```
.border{ border-color:#35616A }
```

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

Here you see how a box with a 4 pixel #35616A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35616A; -webkit-box-shadow:4px 4px  
4px 4px #35616A; box-shadow:4px 4px 4px  
4px #35616A }
```

# Background

The CSS property to change the background color of an element to Hex 35616A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35616A }
```

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

```
.background{ background-color:#35616A }
```

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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