

# Converting Colors

Hex(34935F)

Have a look what the booklet for  
Hex(34935F) contains.

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# Color

Hex(34935F)

# Conversions

## Conversions Part 1

Format	Color
Hex	34935F
RGB	52, 147, 95
RGB Percent	20%, 58%, 37%
CMY	0.7961, 0.4235, 0.6275
CMYK	0.65, 0.00, 0.35, 0.42
HSL	147°, 48%, 39%
HSV	147°, 65%, 58%
XYZ	13.9155, 22.4237, 14.4213
YIQ	112.6670, -39.9280, -36.3120

# Conversions

## Conversions Part 2

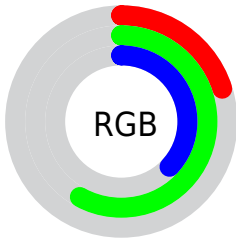
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 117, 147
Decimal	3445599
CIELab	54.47, -40.24, 19.56
CIElCh	54, 44.742, 154.078
Yxy	22.4237, 0.2741, 0.4418
Android (android.graphics.Color)	4281635679 (0xFF34935F)
YUV	112.6670, -8.7098, -53.2050
Hunter-Lab	47.3537, -30.4146, 15.0912

# Details

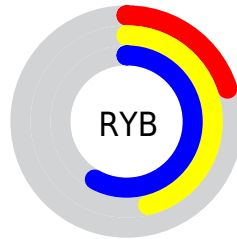
The Hex color **34935F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **933468**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6DCA92**, and **005F30** is the 20% darker color. If you saturate the color by 10%, you get **259357**, and if you desaturate by 10%, it is **439367**.

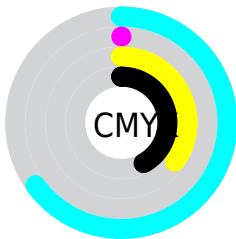
# Distribution



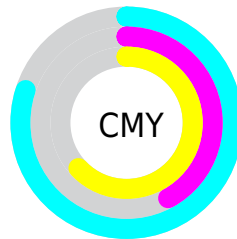
- Red (20%)
- Green (58%)
- Blue (37%)



- Red (20%)
- Yellow (46%)
- Blue (58%)



- Cyan (65%)
- Magenta (0%)
- Yellow (35%)
- Black (42%)



- Cyan (80%)
- Magenta (42%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34935F 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 34935F by changing the saturation by 10% instead.





34935F



34935F

FFFFFF



0F7947



6DCA92



005F30



89E6AC



00471A



A5FFC8



002F02



C1FFE4



001800



DEFFFF



000000



FCFFFF



34935F



34935F



259357



439367

■ 17934F

■ 51936F

■ 089347

■ 609377

■ 009343

■ 6F937F

■ 7D9387

■ 8C938F

■ 9B9397

■ AA939F

■ B893A7

# Harmonies

## Analogous

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



6B8D3F



34935F



009687

# Triad

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



34935F



4385CF



C76659

# Complementary

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



34935F



933468

# 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.



C9617F



34935F



8C76C3

# Square

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



34935F



008FC7



B667A5



B3743C

# Rectangle

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



34935F



0095A1



B667A5



CA6365



# Sweetspot

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



34935F



9BBFAB



689334



4B6155



E0E0E0



616161



# Same Dimension

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



34935F



2ABF6E



34938E



434A46



008A3E



000A05



# Inverse Universe

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



933468



BF2A7C



933439



4A4347



8A004B



0A0006



# Previews

## White Background



This preview shows how the Hex color 34935F looks on a white background.

## Color Contrast Check

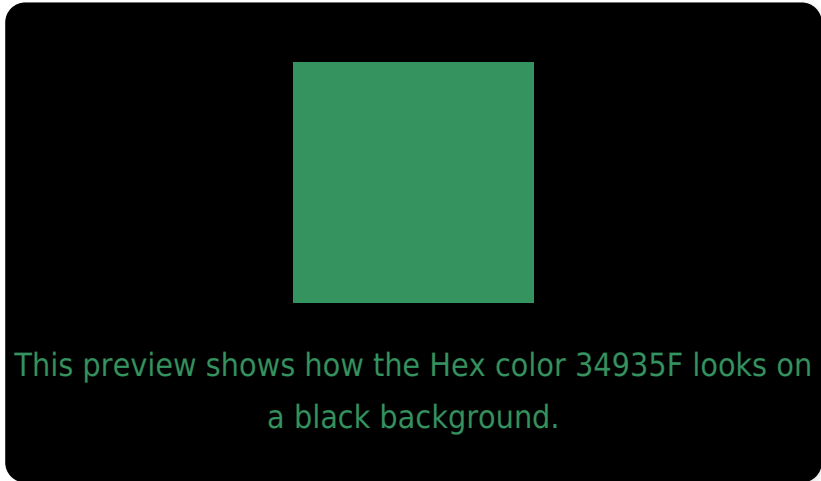
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 34935F Background



This preview shows how black text looks on a background with the Hex color 34935F.



This preview shows how white text looks on a background with the Hex color 34935F.

# 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](#).

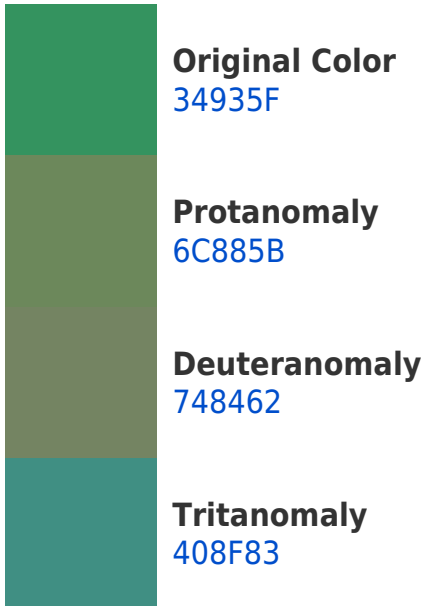
## Dichromacy



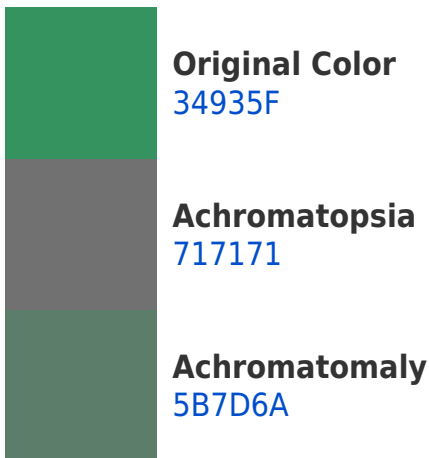


**Tritanopia**  
478C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34935F 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 #34935F looks like.

```
.text, #text, p{  
    color:#34935F  
}
```

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 #34935F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34935F
}
```

## Border

The CSS property to change the border of an element to Hex 34935F 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
#34935F }
```

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

```
.border{ border-color:#34935F }
```

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

Here you see how a box with a 4 pixel #34935F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34935F; -webkit-box-shadow:4px 4px  
4px 4px #34935F; box-shadow:4px 4px 4px  
4px #34935F }
```

# Background

The CSS property to change the background color of an element to Hex 34935F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34935F }
```

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

```
.background{ background-color:#34935F }
```

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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