

# Converting Colors

Hex(35A963)

Have a look what the booklet for  
Hex(35A963) contains.

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# Color

Hex(35A963)

# Conversions

## Conversions Part 1

Format	Color
Hex	35A963
RGB	53, 169, 99
RGB Percent	21%, 66%, 39%
CMY	0.7922, 0.3373, 0.6118
CMYK	0.69, 0.00, 0.41, 0.34
HSL	144°, 52%, 44%
HSV	144°, 69%, 66%
XYZ	17.9083, 30.0337, 16.6576
YIQ	126.3360, -46.6660, -46.3620

# Conversions

## Conversions Part 2

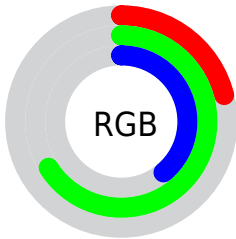
Format	Color
<a href="#">RYB</a>	<a href="#">53, 136, 169</a>
Decimal	<a href="#">3516771</a>
CIELab	<a href="#">61.68, -48.20, 26.97</a>
CIELCh	<a href="#">62, 55.231, 150.770</a>
Yxy	<a href="#">30.0337, 0.2772, 0.4649</a>
Android (android.graphics.Color)	<a href="#">4281706851 (0xFF35A963)</a>
YUV	<a href="#">126.3360, -13.4766, -64.3157</a>
Hunter-Lab	<a href="#">54.8030, -37.5757, 20.3406</a>

# Details

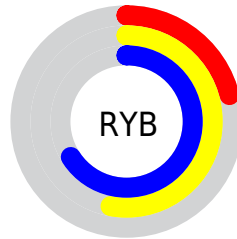
The Hex color **35A963** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9357B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **72E197**, and **007433** is the 20% darker color. If you saturate the color by 10%, you get **24A959**, and if you desaturate by 10%, it is **46A96D**.

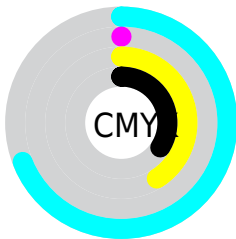
# Distribution



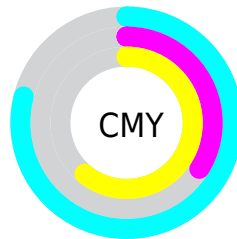
- Red (21%)
- Green (66%)
- Blue (39%)



- Red (21%)
- Yellow (53%)
- Blue (66%)



- Cyan (69%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A963 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 35A963 by changing the saturation by 10% instead.



 35A963

 35A963

FFFFFF

 058E4B

 72E197

 007433

 8EFEB1

 005A1C

 ABFFCD

 004104

 C9FFE9

 002C00

 E6FFFF

 000B00

 000000

 35A963

 35A963

 24A959

 46A96D

■ 13A94F

■ 57A977

■ 02A944

■ 68A982

■ 00A943

■ 79A98C

■ 8AA996

■ 9AA9A0

■ ABA9AA

■ BCA9B5

■ CDA9BF

# Harmonies

## Analogous

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



7DA13B



35A963



00AD95

# Triad

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



35A963



1A9AF7



EC6F66

# Complementary

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



35A963



A9357B

# 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.



EC6896



35A963



9888E9

# Square

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



35A963



00A6EA



D173C6



D5813F

# Rectangle

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



35A963



00ADB6



D173C6



EF6B75



# Sweetspot

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



35A963



ADD8E6



7DA935



526E5D



EDEDED



6E6E6E



# Same Dimension

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



35A963



27DB6F



35A99B



4C544F



00943B



001408



# Inverse Universe

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



A9357B



DB2794



A93543



544C51



940059



14000C



# Previews

## White Background



This preview shows how the Hex color 35A963 looks on a white background.

## Color Contrast Check

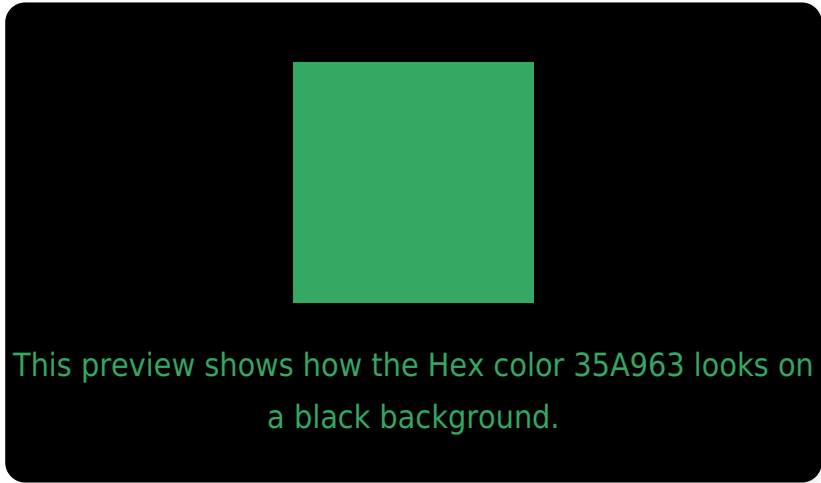
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex 35A963 Background



This preview shows how black text looks on a background with the Hex color 35A963.

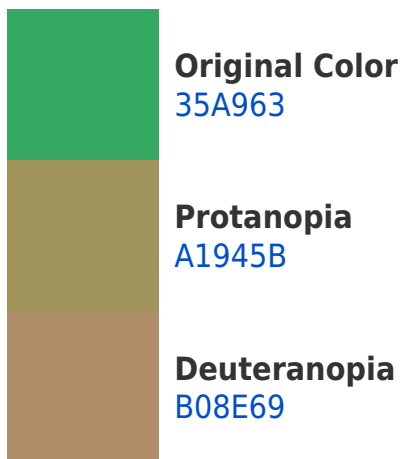


This preview shows how white text looks on a background with the Hex color 35A963.

# 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](#).

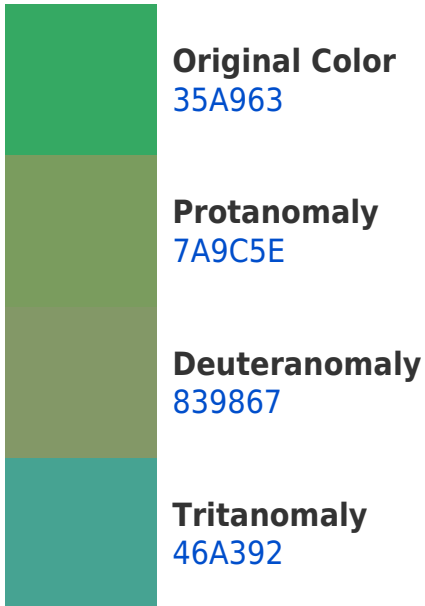
## Dichromacy





**Tritanopia**  
4FA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A963 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 #35A963 looks like.

```
.text, #text, p{  
    color:#35A963  
}
```

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 #35A963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A963
}
```

## Border

The CSS property to change the border of an element to Hex 35A963 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
#35A963 }
```

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

```
.border{ border-color:#35A963 }
```

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

Here you see how a box with a 4 pixel #35A963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A963; -webkit-box-shadow:4px 4px  
4px 4px #35A963; box-shadow:4px 4px 4px  
4px #35A963 }
```

# Background

The CSS property to change the background color of an element to Hex 35A963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A963 }
```

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

```
.background{ background-color:#35A963 }
```

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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