

# Converting Colors

Hex(35A574)

Have a look what the booklet for  
Hex(35A574) contains.

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# Color

Hex(35A574)

# Conversions

## Conversions Part 1

Format	Color
Hex	35A574
RGB	53, 165, 116
RGB Percent	21%, 65%, 45%
CMY	0.7922, 0.3529, 0.5451
CMYK	0.68, 0.00, 0.30, 0.35
HSL	154°, 51%, 43%
HSV	154°, 68%, 65%
XYZ	18.0757, 28.9281, 21.1540
YIQ	125.9260, -51.0230, -38.9830

# Conversions

## Conversions Part 2

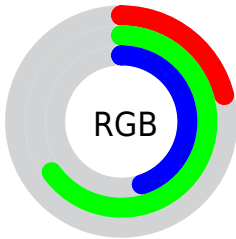
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 125, 165
Decimal	3515764
CIELab	60.72, -43.15, 16.44
CIELCh	61, 46.173, 159.145
Yxy	28.9281, 0.2652, 0.4244
Android (android.graphics.Color)	4281705844 (0xFF35A574)
YUV	125.9260, -4.8935, -63.9561
Hunter-Lab	53.7849, -34.1342, 14.3302

# Details

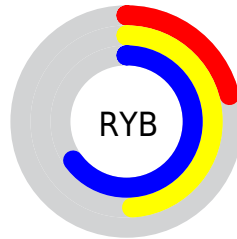
The Hex color **35A574** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A53566**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **71DDA8**, and **007044** is the 20% darker color. If you saturate the color by 10%, you get **24A56D**, and if you desaturate by 10%, it is **46A57B**.

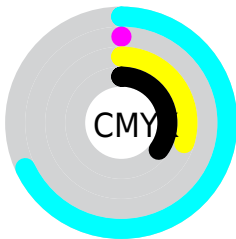
# Distribution



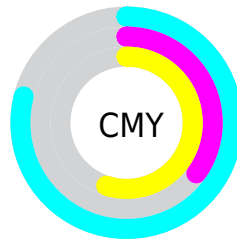
- Red (21%)
- Green (65%)
- Blue (45%)



- Red (21%)
- Yellow (49%)
- Blue (65%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)



- Cyan (79%)
- Magenta (35%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A574 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 35A574 by changing the saturation by 10% instead.



 35A574

 35A574

FFFFFF

 088A5B

 71DDA8

 007044

 8EFAC3

 00572D

 AAFFDF

 003E18

 C7FFFC

 002900

 E5FFFF

 000500

 000000

 35A574

 35A574

 24A56D

 46A57B

 14A566

 56A582

 04A55E

 67A58A

 00A55D

 77A591

 88A598

 98A59F

 A9A5A7

 B9A5AE

 C9A5B5

# Harmonies

## Analogous

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



739F51



35A574



00A79E

# Triad

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



35A574



6393E3



D97861

# Complementary

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



35A574



A53566

# 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.



DF7087



35A574



A683D2

# Square

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



35A574



009FDE



CE75B0



C28646

# Rectangle

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



35A574



00A6B9



CE75B0



DD746D



# Sweetspot

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



35A574



ABD6C3



67A535



516B60



EBEBEB



6B6B6B



# Same Dimension

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



35A574



29D68A



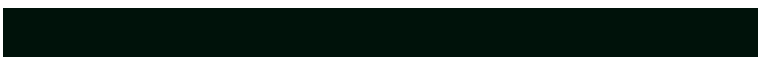
359FA5



49524E



009152



00120A



# Inverse Universe

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



A53566



D62975



A53B35



52494D



910040



120008



# Previews

## White Background



This preview shows how the Hex color 35A574 looks on a white background.

## Color Contrast Check

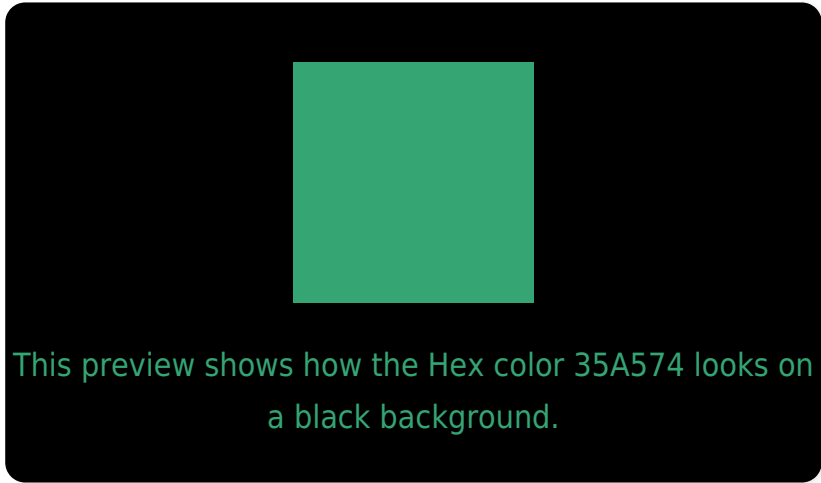
Large Text (above 18pt) WCAG AA ✓ Pass

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

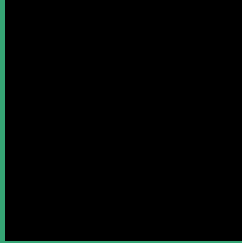
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 35A574 Background



This preview shows how black text looks on a background with the Hex color 35A574.

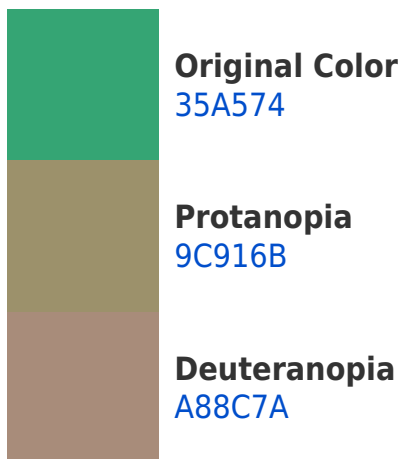


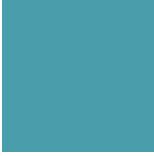
This preview shows how white text looks on a background with the Hex color 35A574.

# 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](#).

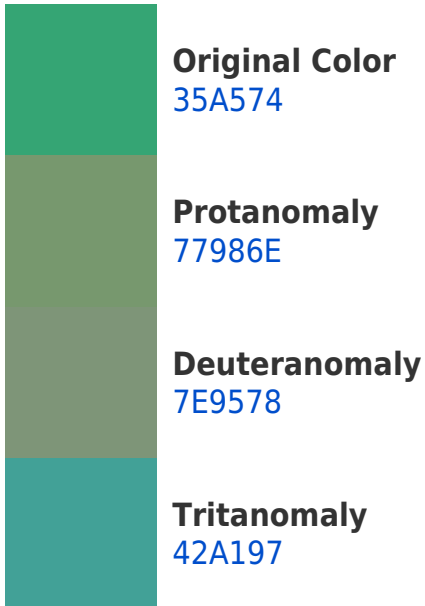
## Dichromacy



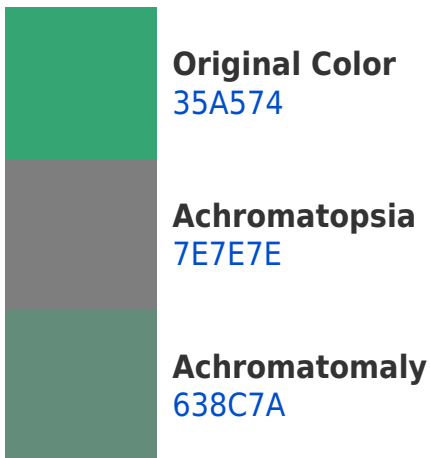


**Tritanopia**  
4A9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A574 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 #35A574 looks like.

```
.text, #text, p{  
    color:#35A574  
}
```

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 #35A574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A574
}
```

## Border

The CSS property to change the border of an element to Hex 35A574 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
#35A574 }
```

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

```
.border{ border-color:#35A574 }
```

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

Here you see how a box with a 4 pixel #35A574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A574; -webkit-box-shadow:4px 4px  
4px 4px #35A574; box-shadow:4px 4px 4px  
4px #35A574 }
```

# Background

The CSS property to change the background color of an element to Hex 35A574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A574 }
```

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

```
.background{ background-color:#35A574 }
```

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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