

# Converting Colors

Hex(34A581)

Have a look what the booklet for  
Hex(34A581) contains.

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# Color

**Hex(34A581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34A581
RGB	52, 165, 129
RGB Percent	20%, 65%, 51%
CMY	0.7961, 0.3529, 0.4941
CMYK	0.68, 0.00, 0.22, 0.35
HSL	161°, 52%, 43%
HSV	161°, 68%, 65%
XYZ	18.8338, 29.2253, 25.4173
YIQ	127.1090, -55.7920, -35.1520

# Conversions

## Conversions Part 2

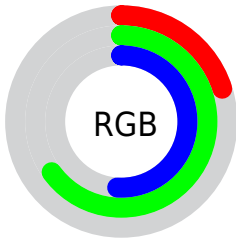
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 119, 165
Decimal	3450241
CIELab	60.98, -40.31, 9.58
CIELCh	61, 41.434, 166.634
Yxy	29.2253, 0.2563, 0.3978
Android (android.graphics.Color)	4281640321 (0xFF34A581)
YUV	127.1090, 0.9323, -65.8706
Hunter-Lab	54.0604, -32.4193, 9.9663

# Details

The Hex color **34A581** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A53458**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **71DDB6**, and **007050** is the 20% darker color. If you saturate the color by 10%, you get **24A57C**, and if you desaturate by 10%, it is **45A586**.

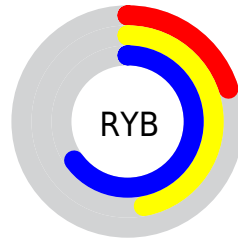
# Distribution



Red (20%)

Green (65%)

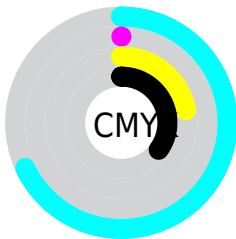
Blue (51%)



Red (20%)

Yellow (47%)

Blue (65%)

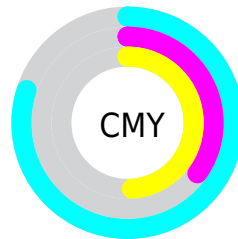


Cyan (68%)

Magenta (0%)

Yellow (22%)

Black (35%)



Cyan (80%)

Magenta (35%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34A581 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 34A581 by changing the saturation by 10% instead.



 34A581

 34A581

FFFFFF

 048A68

 71DDB6

 007050

 8DFAD1

 005739

 AAFFEE

 003F23

 C7FFFF

 00290E

 E5FFFF

 000700

 000000

 34A581

 34A581

 24A57C

 45A586

■ 13A576

■ 55A58C

■ 02A571

■ 66A591

■ 00A570

■ 76A596

■ 86A59B

■ 97A5A1

■ A7A5A6

■ B8A5AB

■ C8A5B0

# Harmonies

## Analogous

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



6CA05F



34A581



00A6A7

# Triad

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



34A581



7C90D9



D07E5F

# Complementary

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



34A581



A53458

# 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.



D97680



34A581



B082C6

# Square

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



34A581



2A9CDA



CF77A5



B88B4B

# Rectangle

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



34A581



00A5BE



CF77A5



D57B69



# Sweetspot

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



34A581



A9D6C8



5AA534



506B63



EBEBEB



6B6B6B



# Same Dimension

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



34A581



27D69E



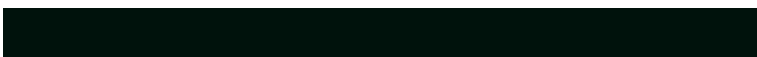
3492A5



49524F



009163



00120C



# Inverse Universe

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



A53458



D6275F



A54734



52494C



91002E

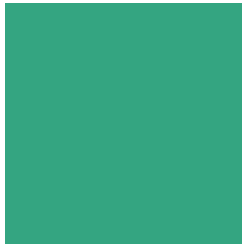


120006



# Previews

## White Background



This preview shows how the Hex color 34A581 looks on a white background.

## Color Contrast Check

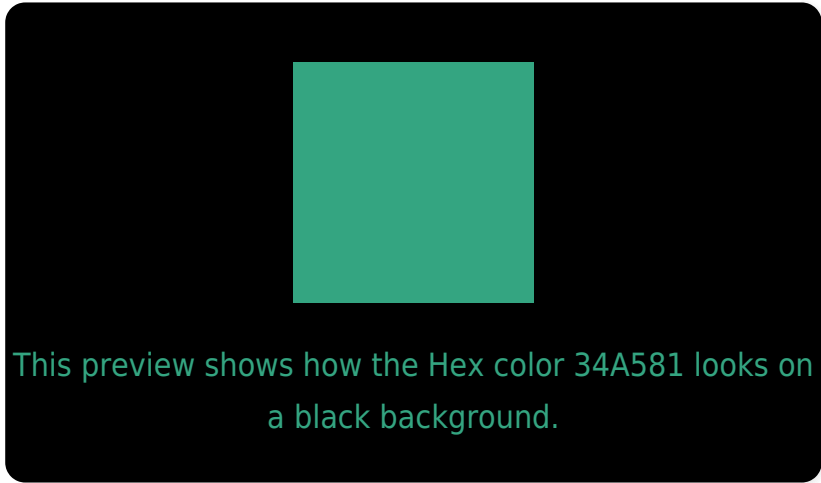
Large Text (above 18pt) WCAG AA ✓ Pass

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

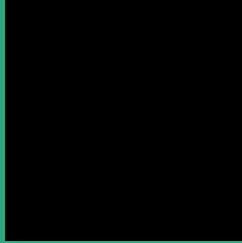
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 34A581 Background



This preview shows how black text looks on a background with the Hex color 34A581.



This preview shows how white text looks on a background with the Hex color 34A581.

# 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**  
34A581

**Protanopia**  
9B9277

**Deuteranopia**  
A58D86



# Trichromacy



**Original Color**  
34A581



**Protanomaly**  
76997B



**Deuteranomaly**  
7C9684



**Tritanomaly**  
40A19C

# Monochromacy



**Original Color**  
34A581



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
648D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34A581 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 #34A581 looks like.

```
.text, #text, p{  
    color:#34A581  
}
```

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 #34A581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A581
}
```

## Border

The CSS property to change the border of an element to Hex 34A581 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
#34A581 }
```

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

```
.border{ border-color:#34A581 }
```

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

Here you see how a box with a 4 pixel #34A581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A581; -webkit-box-shadow:4px 4px  
4px 4px #34A581; box-shadow:4px 4px 4px  
4px #34A581 }
```

# Background

The CSS property to change the background color of an element to Hex 34A581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A581 }
```

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

```
.background{ background-color:#34A581 }
```

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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