

Converting Colors

Hex(34A66F)

Have a look what the booklet for
Hex(34A66F) contains.

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Color

Hex(34A66F)

Conversions

Conversions Part 1

Format	Color
Hex	34A66F
RGB	52, 166, 111
RGB Percent	20%, 65%, 44%
CMY	0.7961, 0.3490, 0.5647
CMYK	0.69, 0.00, 0.33, 0.35
HSL	151°, 52%, 43%
HSV	151°, 69%, 65%
XYZ	17.9216, 29.1502, 19.7209
YIQ	125.6440, -50.2890, -41.2730

Conversions

Conversions Part 2

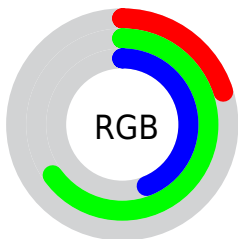
Format	Color
RYB	52, 127, 166
Decimal	3450479
CIELab	60.91, -44.81, 19.45
CIElCh	61, 48.851, 156.535
Yxy	29.1502, 0.2683, 0.4364
Android (android.graphics.Color)	4281640559 (0xFF34A66F)
YUV	125.6440, -7.2195, -64.5858
Hunter-Lab	53.9909, -35.2332, 16.1372

Details

The Hex color **34A66F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A6346B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70DEA3**, and **00713F** is the 20% darker color. If you saturate the color by 10%, you get **23A667**, and if you desaturate by 10%, it is **45A677**.

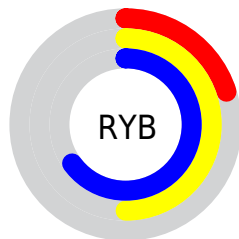
Distribution



Red (20%)

Green (65%)

Blue (44%)



Red (20%)

Yellow (50%)

Blue (65%)

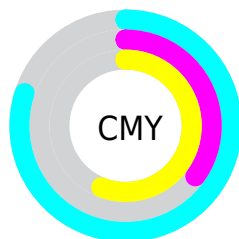


Cyan (69%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (80%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A66F 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 34A66F by changing the saturation by 10% instead.



34A66F



34A66F

FFFFFF



048B56



70DEA3



00713F



8DFBBE



005828



AAFFDA



003F13



C7FFF7



002A00



E4FFFF



000600



000000



34A66F



34A66F



23A667



45A677

■ 13A65F

■ 55A67F

■ 02A657

■ 66A687

■ 00A656

■ 76A68F

■ 87A697

■ 98A69F

■ A8A6A7

■ B9A6AF

■ C9A6B7

Harmonies

Analogous

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



759F4A



34A66F



00A99B

Triad

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



34A66F



5694E9



DE7562

Complementary

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



34A66F



A6346B

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.



E36D8B



34A66F



A284D9

Square

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



34A66F



00A1E2



CF74B6



C78443

Rectangle

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



34A66F



00A8B8



CF74B6



E2716F

Sweetspot

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



34A66F



ABD9C3



6BA634



526E60



EDEDED



6E6E6E

Same Dimension

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



34A66F



27D983



34A4A6



4C5450



00944D



00140B

Inverse Universe

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



A6346B



D9277D



A63634



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 34A66F looks on a white background.

Color Contrast Check

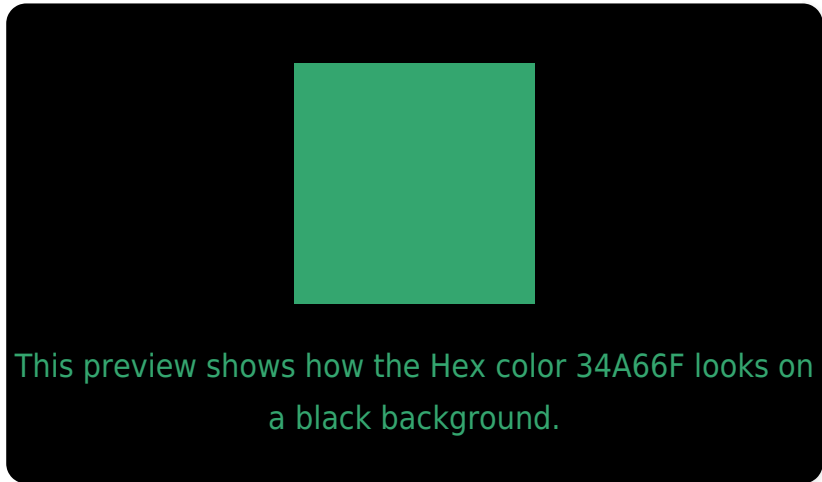
Large Text (above 18pt) WCAG AA ✓ Pass

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

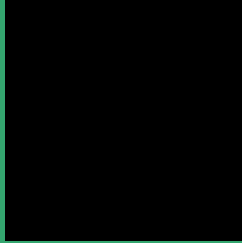
Any Text WCAG AA ✓ Pass

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 34A66F Background



This preview shows how black text looks on a background with the Hex color 34A66F.

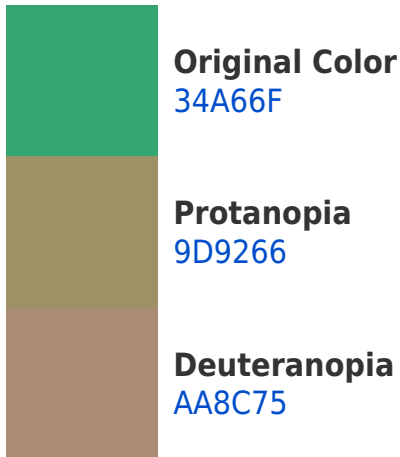


This preview shows how white text looks on a background with the Hex color 34A66F.

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
4B9EAB

Trichromacy



Original Color

34A66F



Protanomaly

779969



Deuteranomaly

7F9573



Tritanomaly

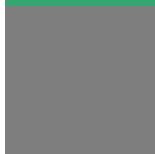
43A195

Monochromacy



Original Color

34A66F



Achromatopsia

7E7E7E



Achromatomaly

638D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A66F 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 #34A66F looks like.

```
.text, #text, p{  
    color:#34A66F  
}
```

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 #34A66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A66F
}
```

Border

The CSS property to change the border of an element to Hex 34A66F 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
#34A66F }
```

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

```
.border{ border-color:#34A66F }
```

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

Here you see how a box with a 4 pixel #34A66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A66F; -webkit-box-shadow:4px 4px  
4px 4px #34A66F; box-shadow:4px 4px 4px  
4px #34A66F }
```

Background

The CSS property to change the background color of an element to Hex 34A66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A66F }
```

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

```
.background{ background-color:#34A66F }
```

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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