

Converting Colors

Hex(34E3A6)

Have a look what the booklet for
Hex(34E3A6) contains.

Hex(34E3A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34E3A6)

Conversions

Conversions Part 1

Format	Color
Hex	34E3A6
RGB	52, 227, 166
RGB Percent	20%, 89%, 65%
CMY	0.7961, 0.1098, 0.3490
CMYK	0.77, 0.00, 0.27, 0.11
HSL	159°, 76%, 55%
HSV	159°, 77%, 89%
XYZ	35.7682, 58.4214, 45.4677
YIQ	167.7210, -84.7190, -56.0710

Conversions

Conversions Part 2

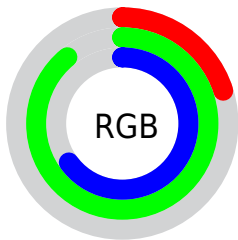
Format	Color
RYB	52, 158, 227
Decimal	3466150
CIELab	80.97, -57.00, 17.70
CIELCh	81, 59.686, 162.745
Yxy	58.4214, 0.2561, 0.4183
Android (android.graphics.Color)	4281656230 (0xFF34E3A6)
YUV	167.7210, -0.8485, -101.4873
Hunter-Lab	76.4339, -50.2280, 18.2343

Details

The Hex color **34E3A6** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E33471**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7DFD99**, and **00AA72** is the 20% darker color. If you saturate the color by 10%, you get **1DE39E**, and if you desaturate by 10%, it is **4BE3AE**.

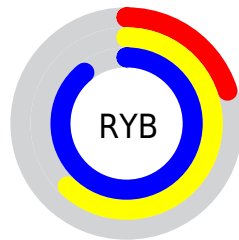
Distribution



Red (20%)

Green (89%)

Blue (65%)



Red (20%)

Yellow (62%)

Blue (89%)

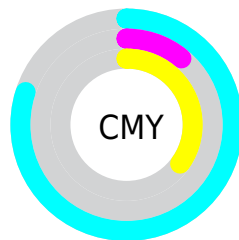


Cyan (77%)

Magenta (0%)

Yellow (27%)

Black (11%)



Cyan (80%)

Magenta (11%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34E3A6 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 34E3A6 by changing the saturation by 10% instead.

 34E3A6

 34E3A6

FFFFFF

 00C68C

 7DFFDD

 00AA72

 9DFFFA

 008F59

 BCFFFF

 007442

 DBFFFF

 005A2B

 FAFFFF

 004116

 002A00

 000700

 000000

 34E3A6

 34E3A6

 1DE39E

 4BE3AE

 07E396

 61E3B6

 00E394

 78E3BE

 8FE3C6

 A5E3CE

 BCE3D5

 D3E3DD

 EAE3E5

 FFE3ED

Harmonies

Analogous

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



95DB74



34E3A6



00E5E0

Triad

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



34E3A6



95C7FF



FFA680

Complementary

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



34E3A6



E33471

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.



FF9AB3



34E3A6



ECB1FF

Square

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



34E3A6



00D8FF



FF9EEC



FFB55D

Rectangle

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



34E3A6



00E4FF



FF9EEC



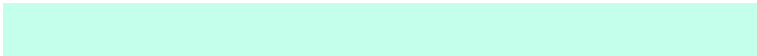
FFA090

Sweetspot

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



34E3A6



C4FFEB



71E334



5C8073



000000



808080

Same Dimension

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



34E3A6



12FFAC



34C9E3



67736F



00B374



003321

Inverse Universe

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



E33471



FF1265



E34E34



73676B



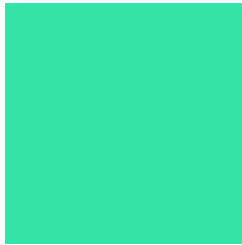
B3003E



330012

Previews

White Background



This preview shows how the Hex color 34E3A6 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 34E3A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

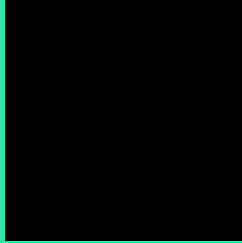
Any Text WCAG AA ✓ Pass

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 34E3A6 Background



This preview shows how black text looks on a background with the Hex color 34E3A6.

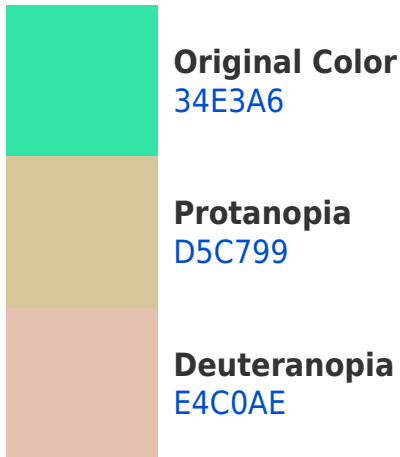


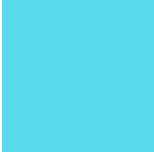
This preview shows how white text looks on a background with the Hex color 34E3A6.

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
58DAEC

Trichromacy



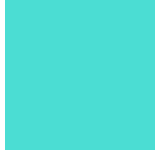
Original Color
34E3A6



Protanomaly
9AD19E



Deuteranomaly
A4CDAB

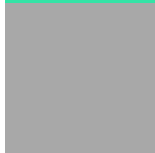


Tritanomaly
4BDDD3

Monochromacy



Original Color
34E3A6



Achromatopsia
A8A8A8



Achromatomaly
7EBDA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 34E3A6 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 #34E3A6 looks like.

```
.text, #text, p{  
    color:#34E3A6  
}
```

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 #34E3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E3A6
}
```

Border

The CSS property to change the border of an element to Hex 34E3A6 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
#34E3A6 }
```

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

```
.border{ border-color:#34E3A6 }
```

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

Here you see how a box with a 4 pixel #34E3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E3A6; -webkit-box-shadow:4px 4px  
4px 4px #34E3A6; box-shadow:4px 4px 4px  
4px #34E3A6 }
```

Background

The CSS property to change the background color of an element to Hex 34E3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E3A6 }
```

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

```
.background{ background-color:#34E3A6 }
```

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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