

Converting Colors

Hex(33AEC3)

Have a look what the booklet for
Hex(33AEC3) contains.

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Color

Hex(33AEC3)

Conversions

Conversions Part 1

Format	Color
Hex	33AEC3
RGB	51, 174, 195
RGB Percent	20%, 68%, 76%
CMY	0.8000, 0.3176, 0.2353
CMYK	0.74, 0.11, 0.00, 0.24
HSL	189°, 59%, 48%
HSV	189°, 74%, 76%
XYZ	26.3516, 34.9160, 56.9804
YIQ	139.6170, -80.0490, -19.5450

Conversions

Conversions Part 2

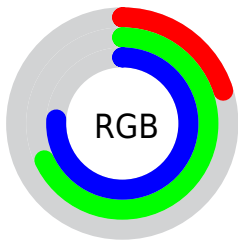
Format	Color
RYB	51, 117, 195
Decimal	3387075
CIELab	65.68, -26.05, -20.34
CIELCh	66, 33.050, 217.977
Yxy	34.9160, 0.2229, 0.2953
Android (android.graphics.Color)	4281577155 (0xFF33AEC3)
YUV	139.6170, 27.3038, -77.7171
Hunter-Lab	59.0898, -23.8035, -15.8106

Details

The Hex color **33AEC3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C34833**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **76E6FC**, and **00798D** is the 20% darker color. If you saturate the color by 10%, you get **1FABC3**, and if you desaturate by 10%, it is **46B1C3**.

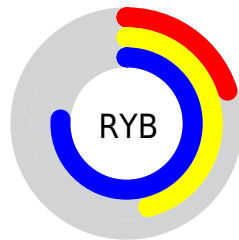
Distribution



Red (20%)

Green (68%)

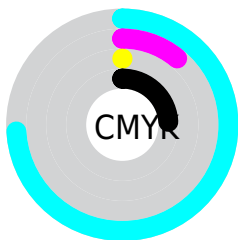
Blue (76%)



Red (20%)

Yellow (46%)

Blue (76%)

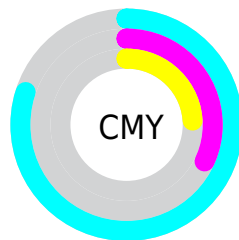


Cyan (74%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (80%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33AEC3 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 33AEC3 by changing the saturation by 10% instead.

■ 33AEC3

■ 33AEC3

FFFFFF

■ 0093A8

■ 76E6FC

■ 00798D

■ 95FFFF

■ 006074

■ B3FFFF

■ 00485B

■ D1FFFF

■ 003144

■ EFFFFFF

■ 001E2D

■ 000119

■ 000000

■ 33AEC3

■ 33AEC3

■ 1FABC3

■ 46B1C3

■ 0CA8C3

■ 5AB4C3

■ 00A7C3

■ 6EB7C3

■ 81B9C3

■ 94BCC3

■ A8BFC3

■ BBC2C3

■ CFC5C3

■ E2C8C3

Harmonies

Analogous

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



44B0A7



33AEC3



53A9D6

Triad

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



33AEC3



CB8CB6



ACA064

Complementary

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



33AEC3



C34833

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.



C69669



33AEC3



D98999

Square

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



33AEC3



AE95CE



D78D7D



8CA970

Rectangle

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



33AEC3



73A3DA



D78D7D



B59D64

Sweetspot

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



33AEC3



C5F4FC



33C346



5E7B80



000000



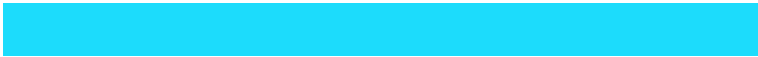
808080

Same Dimension

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



33AEC3



1CDCFC



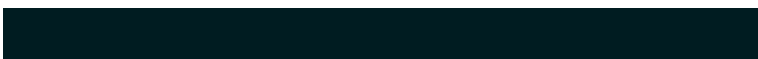
3368C3



575F61



0089A1



001C21

Inverse Universe

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



C333AE



FC1CDC



C38E33



61575F



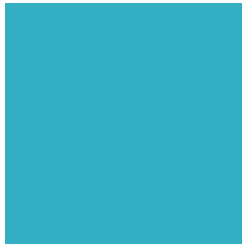
A10089



21001C

Previews

White Background



This preview shows how the Hex color 33AEC3 looks on a white background.

Color Contrast Check

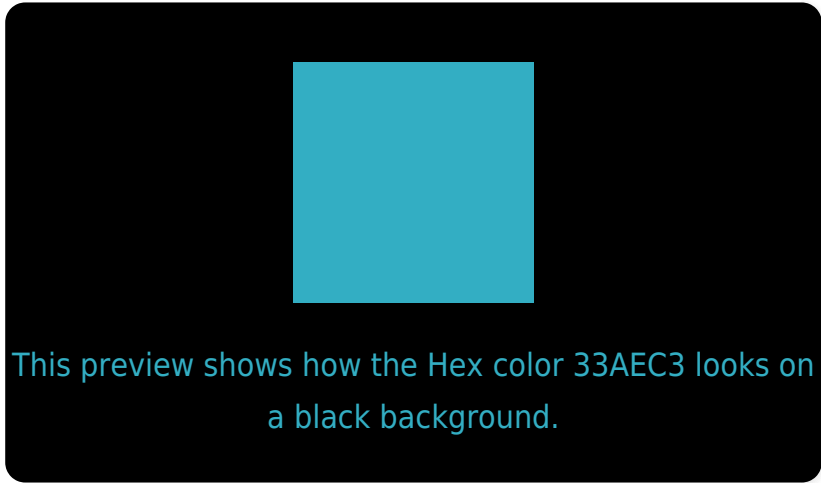
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

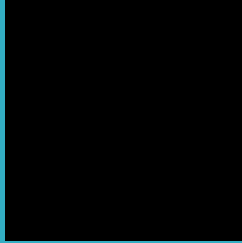
Any Text WCAG AA ✓ Pass

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 33AEC3 Background



This preview shows how black text looks on a background with the Hex color 33AEC3.

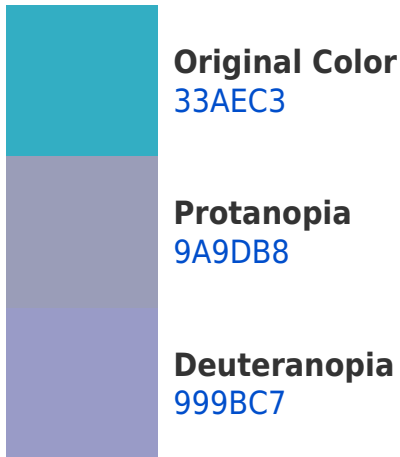


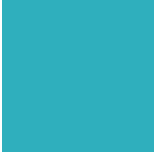
This preview shows how white text looks on a background with the Hex color 33AEC3.

Color Blindness Simulation

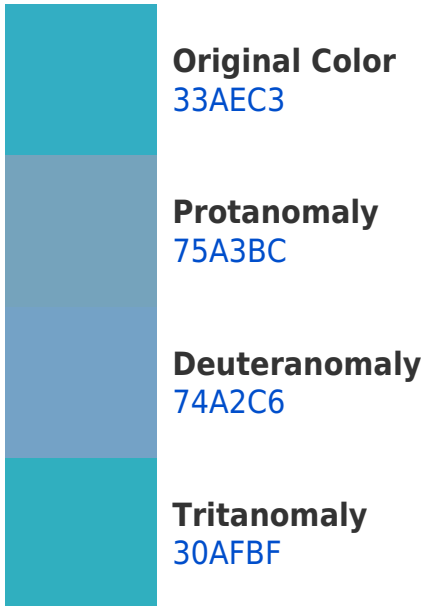
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33AEC3 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 #33AEC3 looks like.

```
.text, #text, p{  
    color:#33AEC3  
}
```

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 #33AEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33AEC3
}
```

Border

The CSS property to change the border of an element to Hex 33AEC3 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
#33AEC3 }
```

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

```
.border{ border-color:#33AEC3 }
```

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

Here you see how a box with a 4 pixel #33AEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33AEC3; -webkit-box-shadow:4px 4px  
4px 4px #33AEC3; box-shadow:4px 4px 4px  
4px #33AEC3 }
```

Background

The CSS property to change the background color of an element to Hex 33AEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33AEC3 }
```

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

```
.background{ background-color:#33AEC3 }
```

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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