

Converting Colors

Hex(31BEB6)

Have a look what the booklet for
Hex(31BEB6) contains.

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Color

Hex(31BEB6)

Conversions

Conversions Part 1

Format	Color
Hex	31BEB6
RGB	49, 190, 182
RGB Percent	19%, 75%, 71%
CMY	0.8078, 0.2549, 0.2863
CMYK	0.74, 0.00, 0.04, 0.25
HSL	177°, 59%, 47%
HSV	177°, 74%, 75%
XYZ	28.1236, 40.8573, 50.6599
YIQ	146.9290, -81.4680, -32.3800

Conversions

Conversions Part 2

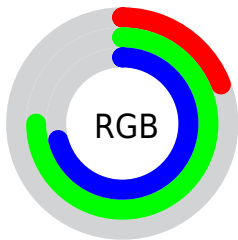
Format	Color
RYB	49, 122, 190
Decimal	3260086
CIELab	70.08, -37.84, -6.57
CIELCh	70, 38.401, 189.850
Yxy	40.8573, 0.2351, 0.3415
Android (android.graphics.Color)	4281450166 (0xFF31BEB6)
YUV	146.9290, 17.2900, -85.8837
Hunter-Lab	63.9197, -33.3225, -2.2469

Details

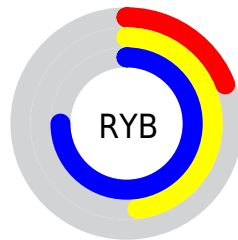
The Hex color **31BEB6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE3139**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **76F7EE**, and **008881** is the 20% darker color. If you saturate the color by 10%, you get **1EBEB5**, and if you desaturate by 10%, it is **44BEB7**.

Distribution



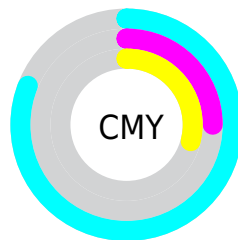
- Red (19%)
- Green (75%)
- Blue (71%)



- Red (19%)
- Yellow (48%)
- Blue (75%)



- Cyan (74%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)




- Cyan (81%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31BEB6 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 31BEB6 by changing the saturation by 10% instead.

 31BEB6

 31BEB6

FFFFFF

 00A39B

 76F7EE

 008881

 94FFFF

 006E68

 B3FFFF

 005550

 D1FFFF

 003D39

 EFFFFFF

 002824

 00010F

 000000

 31BEB6

 31BEB6

■ 1EBEB5

■ 44BEB7

■ 0BBEB4

■ 57BEB8

■ 00BEB3

■ 6ABEB9

■ 7DBEBA

■ 90BEBB

■ A3BEBC

■ B6BEBE

■ C9BEBF

■ DCBEC0

Harmonies

Analogous

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



65BC92



31BEB6



07BCD7

Triad

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



31BEB6



BE9EE1



D6A16A

Complementary

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



31BEB6



BE3139

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.



EA9680



31BEB6



E093C4

Square

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



31BEB6



8BABF0



EF90A1



B7AD66

Rectangle

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



31BEB6



37B8E7



EF90A1



DE9D70

Sweetspot

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



31BEB6



C1F7F4



3ABE31



5C7D7B



FCFCFC



7D7D7D

Same Dimension

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



31BEB6



1BF7EB



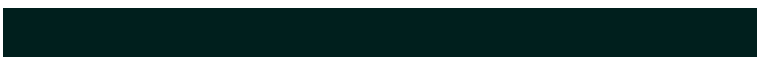
3181BE



555E5E



009E95



001F1D

Inverse Universe

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



BE3139



F71B28



BE6E31



5E5555



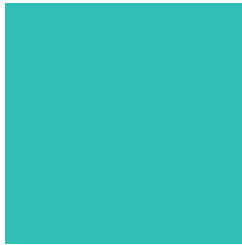
9E0009



1F0002

Previews

White Background



This preview shows how the Hex color 31BEB6 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 31BEB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

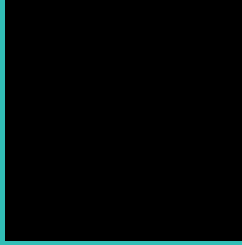
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

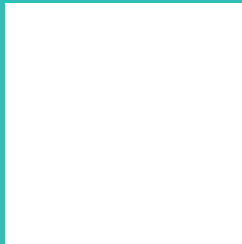
Any Text WCAG AAA ✓ Pass

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

Hex 31BEB6 Background



This preview shows how black text looks on a background with the Hex color 31BEB6.

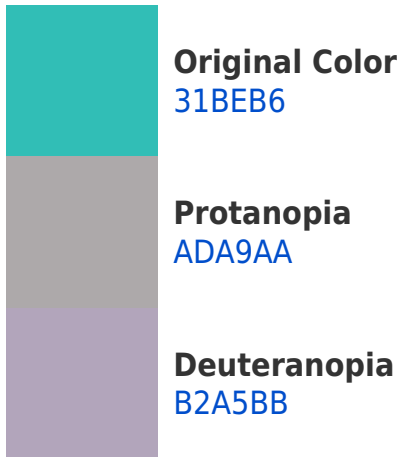


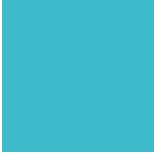
This preview shows how white text looks on a background with the Hex color 31BEB6.

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

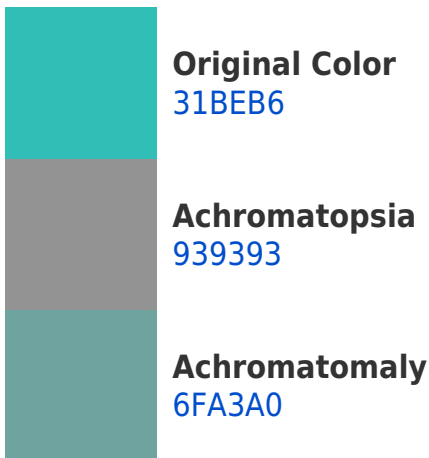




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31BEB6 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 #31BEB6 looks like.

```
.text, #text, p{  
    color:#31BEB6  
}
```

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 #31BEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31BEB6
}
```

Border

The CSS property to change the border of an element to Hex 31BEB6 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
#31BEB6 }
```

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

```
.border{ border-color:#31BEB6 }
```

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

Here you see how a box with a 4 pixel #31BEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31BEB6; -webkit-box-shadow:4px 4px  
4px 4px #31BEB6; box-shadow:4px 4px 4px  
4px #31BEB6 }
```

Background

The CSS property to change the background color of an element to Hex 31BEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31BEB6 }
```

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

```
.background{ background-color:#31BEB6 }
```

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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