

Converting Colors

Hex(36E1B6)

Have a look what the booklet for
Hex(36E1B6) contains.

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Color

Hex(36E1B6)

Conversions

Conversions Part 1

Format	Color
Hex	36E1B6
RGB	54, 225, 182
RGB Percent	21%, 88%, 71%
CMY	0.7882, 0.1176, 0.2863
CMYK	0.76, 0.00, 0.19, 0.12
HSL	165°, 74%, 55%
HSV	165°, 76%, 88%
XYZ	36.8900, 58.0121, 53.5091
YIQ	168.9690, -88.1130, -49.6250

Conversions

Conversions Part 2

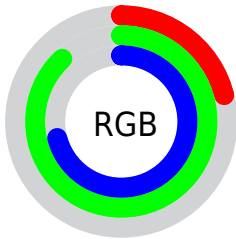
Format	Color
RYB	54, 152, 225
Decimal	3596726
CIELab	80.75, -52.29, 8.97
CIELCh	81, 53.051, 170.261
Yxy	58.0121, 0.2486, 0.3909
Android (android.graphics.Color)	4281786806 (0xFF36E1B6)
YUV	168.9690, 6.4243, -100.8278
Hunter-Lab	76.1657, -46.8354, 11.6626

Details

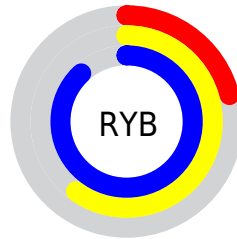
The Hex color **36E1B6** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed spring green. A complement of this color would be **E13661**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7EFFEE**, and **00A981** is the 20% darker color. If you saturate the color by 10%, you get **20E1B0**, and if you desaturate by 10%, it is **4DE1BC**.

Distribution



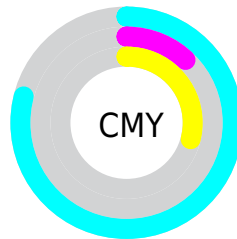
- Red (21%)
- Green (88%)
- Blue (71%)



- Red (21%)
- Yellow (60%)
- Blue (88%)



- Cyan (76%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)



- Cyan (79%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36E1B6 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 36E1B6 by changing the saturation by 10% instead.

 36E1B6

 36E1B6

FFFFFF

 00C49B

 7EFFEE

 00A981

 9EFFFF

 008D68

 BDFFFF

 007350

 DCFFFF

 005939

 FBFFFF

 004023

 002A0E

 000500

 000000

 36E1B6

 36E1B6

 20E1B0

 4DE1BC

 09E1AB

 63E1C1

 00E1A8

 7AE1C7

 90E1CD

 A7E1D2

 BDE1D8

 D3E1DE

 EAE1E3

 FFE1E9

Harmonies

Analogous

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



8CDB87



36E1B6



00E2E9

Triad

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



36E1B6



B3C2FF



FFAE7E

Complementary

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



36E1B6



E13661

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.



FFA1A9



36E1B6



F6AFFF

Square

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



36E1B6



4AD2FF



FFA1DB



F5C065

Rectangle

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



36E1B6



00DFFF



FFA1DB



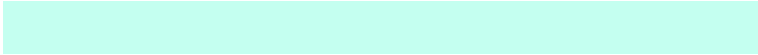
FFA98B

Sweetspot

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



36E1B6



C4FFF0



64E136



5C8077



000000



808080

Same Dimension

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



36E1B6



17FFC5



36B9E1



65706D



00B084



003024

Inverse Universe

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



E13661



FF1751



E15E36



706568



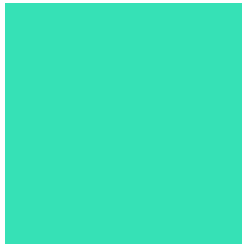
B0002C



30000C

Previews

White Background



This preview shows how the Hex color 36E1B6 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 36E1B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

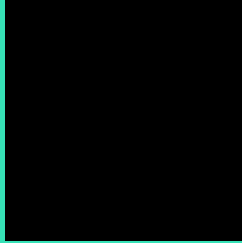
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

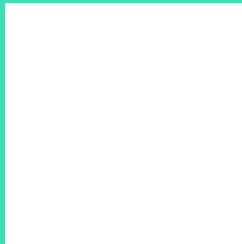
Any Text WCAG AAA ✓ Pass

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

Hex 36E1B6 Background



This preview shows how black text looks on a background with the Hex color 36E1B6.

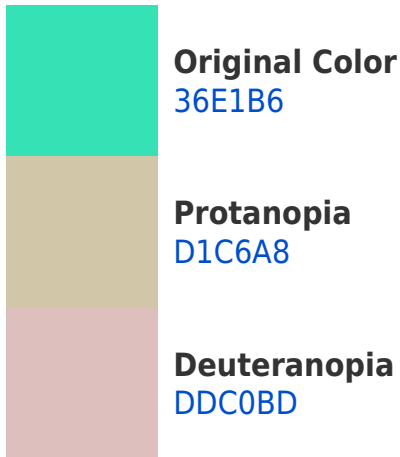


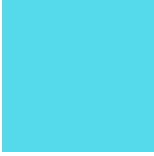
This preview shows how white text looks on a background with the Hex color 36E1B6.

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
54DAEB

Trichromacy



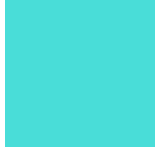
Original Color
36E1B6



Protanomaly
99D0AD



Deuteranomaly
A0CCBA



Tritanomaly
49DDD8

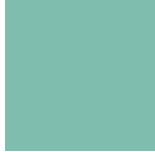
Monochromacy



Original Color
36E1B6



Achromatopsia
A9A9A9



Achromatomaly
7FBDAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 36E1B6 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 #36E1B6 looks like.

```
.text, #text, p{  
    color:#36E1B6  
}
```

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 #36E1B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36E1B6
}
```

Border

The CSS property to change the border of an element to Hex 36E1B6 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
#36E1B6 }
```

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

```
.border{ border-color:#36E1B6 }
```

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

Here you see how a box with a 4 pixel #36E1B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36E1B6; -webkit-box-shadow:4px 4px  
4px 4px #36E1B6; box-shadow:4px 4px 4px  
4px #36E1B6 }
```

Background

The CSS property to change the background color of an element to Hex 36E1B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36E1B6 }
```

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

```
.background{ background-color:#36E1B6 }
```

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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