

Converting Colors

Hex(36BEE1)

Have a look what the booklet for
Hex(36BEE1) contains.

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Color

Hex(36BEE1)

Conversions

Conversions Part 1

Format	Color
Hex	36BEE1
RGB	54, 190, 225
RGB Percent	21%, 75%, 88%
CMY	0.7882, 0.2549, 0.1176
CMYK	0.76, 0.16, 0.00, 0.12
HSL	192°, 74%, 55%
HSV	192°, 76%, 88%
XYZ	33.5254, 43.0474, 77.7762
YIQ	153.3260, -92.2910, -17.9470

Conversions

Conversions Part 2

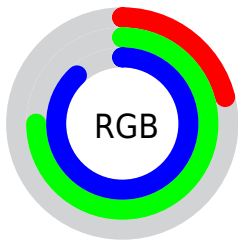
Format	Color
RYB	54, 130, 225
Decimal	3587809
CIELab	71.59, -24.25, -27.77
CIElCh	72, 36.871, 228.867
Yxy	43.0474, 0.2172, 0.2789
Android (android.graphics.Color)	4281777889 (0xFF36BEE1)
YUV	153.3260, 35.3353, -87.1089
Hunter-Lab	65.6105, -23.6093, -24.3563

Details

The Hex color **36BEE1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E15936**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7EF7FF**, and **0088AA** is the 20% darker color. If you saturate the color by 10%, you get **20B9E1**, and if you desaturate by 10%, it is **4DC3E1**.

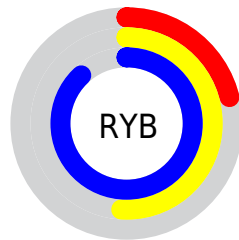
Distribution



Red (21%)

Green (75%)

Blue (88%)



Red (21%)

Yellow (51%)

Blue (88%)

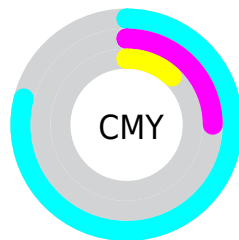


Cyan (76%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (79%)

Magenta (25%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36BEE1 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 36BEE1 by changing the saturation by 10% instead.

■ 36BEE1

FFFFFF

■ 7EF7FF

■ 9DFFFF

■ BCFFFF

■ DBFFFF

■ FAFFFF

■ 36BEE1

■ 00A3C5

■ 0088AA

■ 006F8F

■ 005675

■ 003F5D

■ 002845

■ 000E2E

■ 000119

■ 000000

 36BEE1

 36BEE1

 20B9E1

 4DC3E1

 09B5E1

 63C7E1

 00B3E1

 7ACCE1

 90D0E1

 A7D5E1

 BDDAE1

 D3DEE1

 EAE3E1

 FFE7E1

Harmonies

Analogous

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



35C1C4



36BEE1



6AB6F1

Triad

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



36BEE1



E997BD



B0B46F

Complementary

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



36BEE1



E15936

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.



D1A96D



36BEE1



F2969B

Square

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



36BEE1



CD9FDC



E89E7E



8ABC82

Rectangle

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



36BEE1



90AFF1



E89E7E



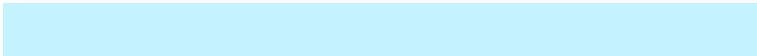
BCB16C

Sweetspot

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



36BEE1



C4F3FF



36E158



5C7880



000000



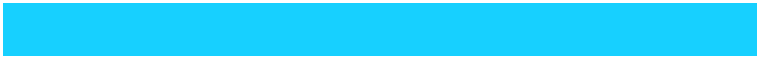
808080

Same Dimension

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



36BEE1



17D0FF



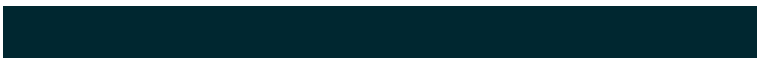
3669E1



656E70



008CB0



002730

Inverse Universe

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



E136BE



FF17D0



E1AE36



70656E



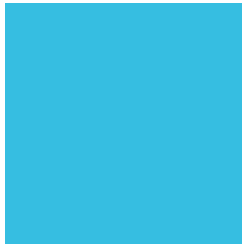
B0008C



300027

Previews

White Background



This preview shows how the Hex color 36BEE1 looks on a white background.

Color Contrast Check

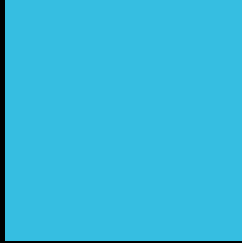
Large Text (above 18pt) WCAG AA × Fail

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 36BEE1 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 36BEE1 Background



This preview shows how black text looks on a background with the Hex color 36BEE1.

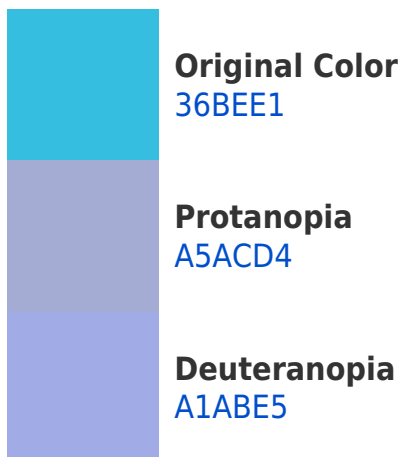


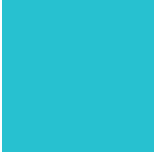
This preview shows how white text looks on a background with the Hex color 36BEE1.

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](#).

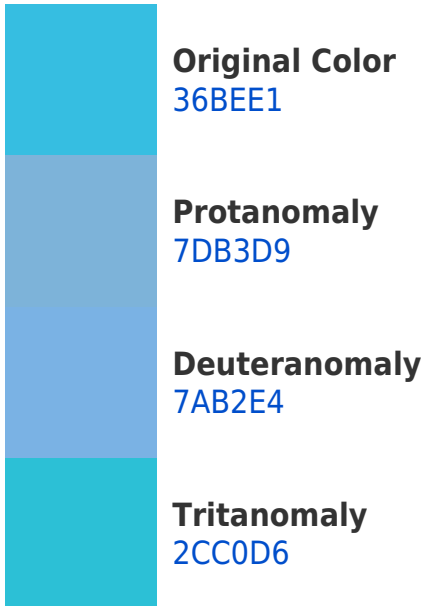
Dichromacy





Tritanopia
27C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36BEE1 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 #36BEE1 looks like.

```
.text, #text, p{  
    color:#36BEE1  
}
```

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 #36BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36BEE1  
}
```

Border

The CSS property to change the border of an element to Hex 36BEE1 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  
#36BEE1 }
```

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

```
.border{ border-color:#36BEE1 }
```

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

Here you see how a box with a 4 pixel #36BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36BEE1; -webkit-box-shadow:4px 4px  
4px 4px #36BEE1; box-shadow:4px 4px 4px  
4px #36BEE1 }
```

Background

The CSS property to change the background color of an element to Hex 36BEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36BEE1 }
```

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

```
.background{ background-color:#36BEE1 }
```

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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