

Converting Colors

Hex(36BBEE)

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

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Color

Hex(36BBEE)

Conversions

Conversions Part 1

Format	Color
Hex	36BBEE
RGB	54, 187, 238
RGB Percent	21%, 73%, 93%
CMY	0.7882, 0.2667, 0.0667
CMYK	0.77, 0.21, 0.00, 0.07
HSL	197°, 84%, 57%
HSV	197°, 77%, 93%
XYZ	34.7243, 42.4980, 87.2617
YIQ	153.0470, -95.6390, -12.3350

Conversions

Conversions Part 2

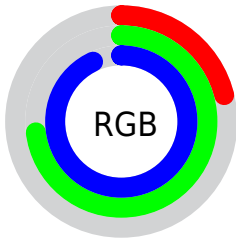
Format	Color
RYB	54, 131, 238
Decimal	3587054
CIELab	71.21, -18.48, -35.41
CIELCh	71, 39.939, 242.440
Yxy	42.4980, 0.2111, 0.2584
Android (android.graphics.Color)	4281777134 (0xFF36BBEE)
YUV	153.0470, 41.8818, -86.8642
Hunter-Lab	65.1905, -19.0037, -33.7302

Details

The Hex color **36BBEE** 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 **EE6936**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7FF3FF**, and **0086B6** is the 20% darker color. If you saturate the color by 10%, you get **1EB4EE**, and if you desaturate by 10%, it is **4EC2EE**.

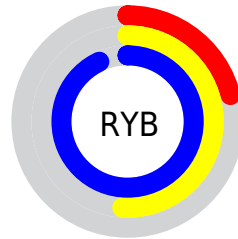
Distribution



Red (21%)

Green (73%)

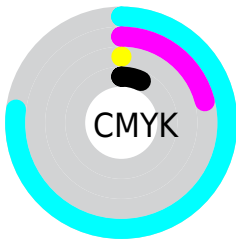
Blue (93%)



Red (21%)

Yellow (51%)

Blue (93%)

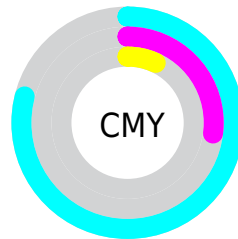


Cyan (77%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (79%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

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

 36BBEE

 36BBEE

FFFFFF

 00A0D2

 7FF3FF

 0086B6

 9FFFFFF

 006C9B

 BEFFFF

 005481

 DDFFFF

 003D67

 FCFFFF

 00274F

 000D38

 000222

 000007

 36BBEE

 36BBEE

 1EB4EE

 4EC2EE

 06AEEE

 66C8EE

 00ACEE

 7DCFEF

 95D5EE

 ADDCEE

 C5E3EE

 DDE9EE

 F4F0EE

 FFF6EE

Harmonies

Analogous

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



00C1D4



36BBEE



7DB1F7

Triad

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



36BBEE



F392AD



9DB870

Complementary

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



36BBEE



EE6936

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.



C3AD65



36BBEE



F39689

Square

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



36BBEE



DF97D1



E1A06F



71BF8B

Rectangle

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



36BBEE



A5A8F1



E1A06F



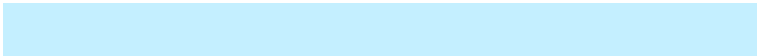
AAB56A

Sweetspot

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



36BBEE



C4EFFF



36EE67



5C7680



000000



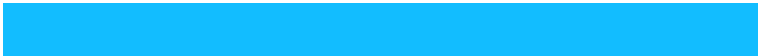
808080

Same Dimension

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



36BBEE



12BDFF



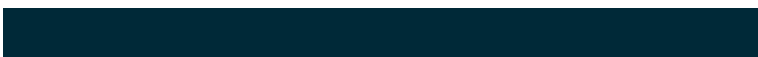
3661EE



6C7578



0085B8



002938

Inverse Universe

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



EE36BB



FF12BD



EEC336



786C75



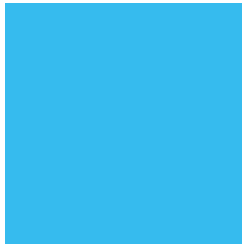
B80085



380029

Previews

White Background



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

Color Contrast Check

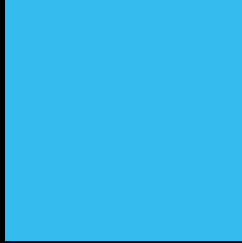
Large Text (above 18pt) WCAG AA × Fail

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 36BBEE 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

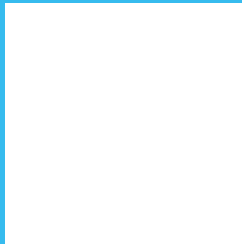
Any Text WCAG AAA ✓ Pass

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

Hex 36BBEE Background



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

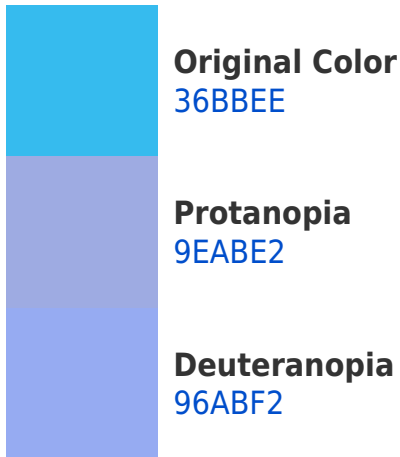


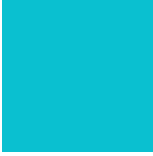
This preview shows how white text looks on a background with the Hex color 36BBEE.

Color Blindness Simulation

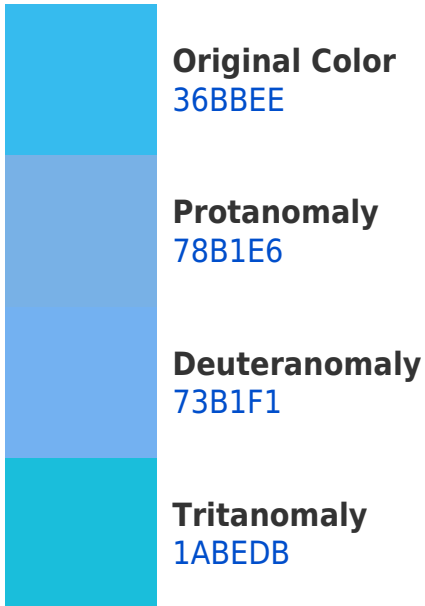
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

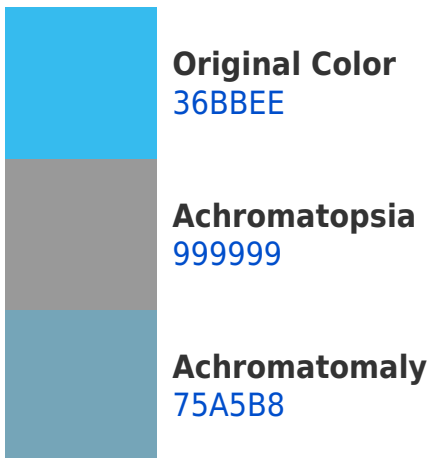




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #36BBEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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