

Converting Colors

Hex(37BEE2)

Have a look what the booklet for
Hex(37BEE2) contains.

Hex(37BEE2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37BEE2)

Conversions

Conversions Part 1

Format	Color
Hex	37BEE2
RGB	55, 190, 226
RGB Percent	22%, 75%, 89%
CMY	0.7843, 0.2549, 0.1137
CMYK	0.76, 0.16, 0.00, 0.11
HSL	193°, 75%, 55%
HSV	193°, 76%, 89%
XYZ	33.7165, 43.1301, 78.4994
YIQ	153.7390, -92.0160, -17.4240

Conversions

Conversions Part 2

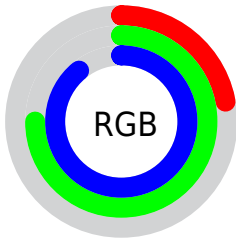
Format	Color
R _{YB}	55, 130, 226
Decimal	3653346
CIE Lab	71.64, -23.83, -28.23
CIE LCh	72, 36.938, 229.832
Yxy	43.1301, 0.2170, 0.2776
Android (android.graphics.Color)	4281843426 (0xFF37BEE2)
YUV	153.7390, 35.6247, -86.5941
Hunter-Lab	65.6735, -23.2876, -24.8977

Details

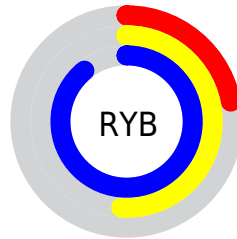
The Hex color **37BEE2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E25B37**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7EF7FF**, and **0088AB** is the 20% darker color. If you saturate the color by 10%, you get **20B9E2**, and if you desaturate by 10%, it is **4EC3E2**.

Distribution



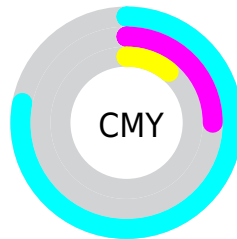
- Red (22%)
- Green (75%)
- Blue (89%)



- Red (22%)
- Yellow (51%)
- Blue (89%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37BEE2 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 37BEE2 by changing the saturation by 10% instead.

 37BEE2

FFFFFF

 7EF7FF

 9EFFFF

 BDFFFF


 DBFFFF

 FAFFFF

 37BEE2

 00A3C6

 0088AB

 006F90

 005676

 003F5D

 002846

 000E2F

 00011A

 000000

■ 37BEE2

■ 37BEE2

■ 20B9E2

■ 4EC3E2

■ 0AB4E2

■ 64C8E2

■ 00B2E2

■ 7BCCE2

■ 91D1E2

■ A8D6E2

■ BFD6E2

■ D5DFE2

■ ECE4E2

■ FFE9E2

Harmonies

Analogous

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



34C2C5



37BEE2



6CB6F1

Triad

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



37BEE2



EA97BC



AFB46F

Complementary

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



37BEE2



E25B37

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.



D0AA6D



37BEE2



F2969A

Square

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



37BEE2



CF9FDB



E89E7D



89BD83

Rectangle

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



37BEE2



92AFF2



E89E7D



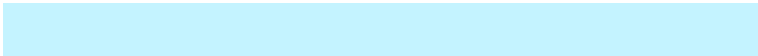
BBB16C

Sweetspot

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



37BEE2



C4F3FF



37E259



5C7880



000000



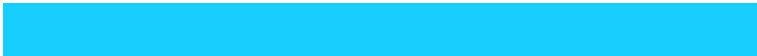
808080

Same Dimension

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



37BEE2



17CEFF



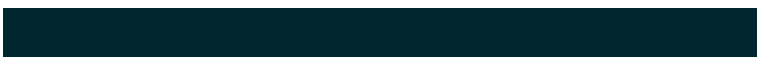
376AE2



656E70



008BB0



002630

Inverse Universe

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



E237BE



FF17CE



E2AF37



70656E



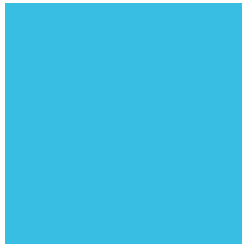
B0008B



300026

Previews

White Background



This preview shows how the Hex color 37BEE2 looks on a white background.

Color Contrast Check

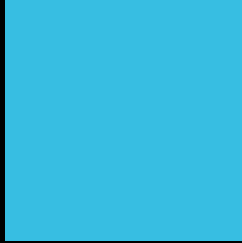
Large Text (above 18pt) WCAG AA × Fail

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 37BEE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

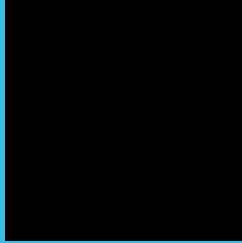
Any Text WCAG AA ✓ Pass

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 37BEE2 Background



This preview shows how black text looks on a background with the Hex color 37BEE2.

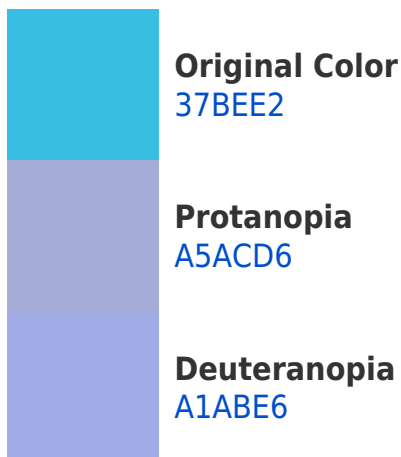


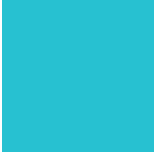
This preview shows how white text looks on a background with the Hex color 37BEE2.

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](#).

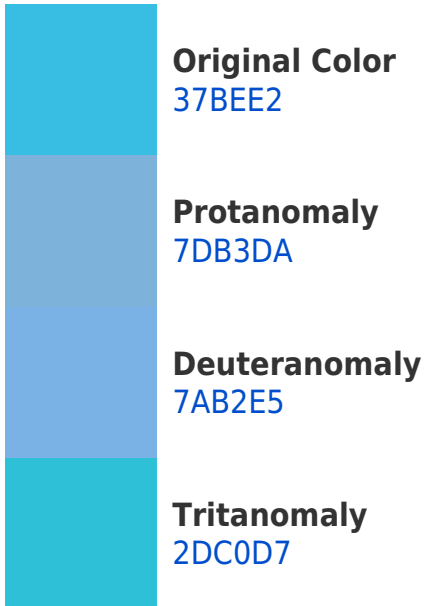
Dichromacy





Tritanopia
27C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37BEE2 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 #37BEE2 looks like.

```
.text, #text, p{  
    color:#37BEE2  
}
```

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 #37BEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BEE2
}
```

Border

The CSS property to change the border of an element to Hex 37BEE2 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
#37BEE2 }
```

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

```
.border{ border-color:#37BEE2 }
```

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

Here you see how a box with a 4 pixel #37BEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BEE2; -webkit-box-shadow:4px 4px  
4px 4px #37BEE2; box-shadow:4px 4px 4px  
4px #37BEE2 }
```

Background

The CSS property to change the background color of an element to Hex 37BEE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BEE2 }
```

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

```
.background{ background-color:#37BEE2 }
```

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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