

Converting Colors

Hex(35BFE2)

Have a look what the booklet for
Hex(35BFE2) contains.

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Color

Hex(35BFE2)

Conversions

Conversions Part 1

Format	Color
Hex	35BFE2
RGB	53, 191, 226
RGB Percent	21%, 75%, 89%
CMY	0.7922, 0.2510, 0.1137
CMYK	0.77, 0.15, 0.00, 0.11
HSL	192°, 75%, 55%
HSV	192°, 77%, 89%
XYZ	33.8265, 43.5095, 78.5668
YIQ	153.7280, -93.4830, -18.3710

Conversions

Conversions Part 2

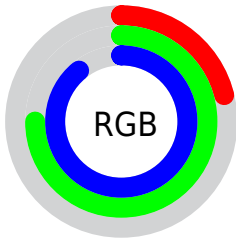
Format	Color
RYB	53, 130, 226
Decimal	3522530
CIELab	71.90, -24.55, -27.84
CIElCh	72, 37.112, 228.594
Yxy	43.5095, 0.2170, 0.2791
Android (android.graphics.Color)	4281712610 (0xFF35BFE2)
YUV	153.7280, 35.6301, -88.3385
Hunter-Lab	65.9617, -23.8947, -24.4470

Details

The Hex color **35BFE2** 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 **E25835**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DF8FF**, and **0089AB** is the 20% darker color. If you saturate the color by 10%, you get **1EBAE2**, and if you desaturate by 10%, it is **4CC4E2**.

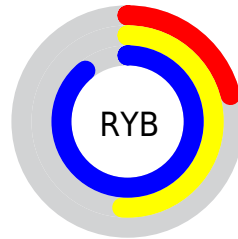
Distribution



Red (21%)

Green (75%)

Blue (89%)



Red (21%)

Yellow (51%)

Blue (89%)

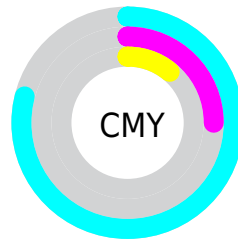


Cyan (77%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (79%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35BFE2 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 35BFE2 by changing the saturation by 10% instead.

 35BFE2

 35BFE2

FFFFFF

 00A4C6

 7DF8FF

 0089AB

 9DFFFF

 007090

 BCFFFF

 005776

 DBFFFF

 003F5D

 FAFFFF

 002946

 00102F

 00011A

 000000

■ 35BFE2

■ 35BFE2

■ 1EBAE2

■ 4CC4E2

■ 08B6E2

■ 62C8E2

■ 00B4E2

■ 79CDE2

■ 8FD1E2

■ A6D6E2

■ BDDAE2

■ D3DFE2

■ EAE4E2

■ FFE8E2

Harmonies

Analogous

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



35C2C5



35BFE2



6AB7F2

Triad

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



35BFE2



EA97BF



B2B56F

Complementary

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



35BFE2



E25835

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.



D2AA6E



35BFE2



F3979C

Square

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



35BFE2



CEA0DD



EA9E7F



8BBD82

Rectangle

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



35BFE2



90B0F3



EA9E7F



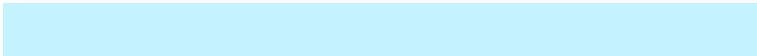
BDB16C

Sweetspot

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



35BFE2



C4F3FF



35E258



5C7880



000000



808080

Same Dimension

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



35BFE2



14D0FF



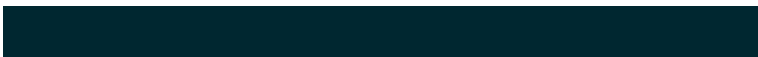
3569E2



656E70



008CB0



002730

Inverse Universe

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



E235BF



FF14D0



E2AE35



70656E



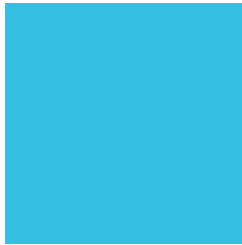
B0008C



300027

Previews

White Background



This preview shows how the Hex color 35BFE2 looks on a white background.

Color Contrast Check

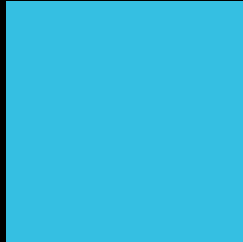
Large Text (above 18pt) WCAG AA × Fail

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 35BFE2 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 35BFE2 Background



This preview shows how black text looks on a background with the Hex color 35BFE2.

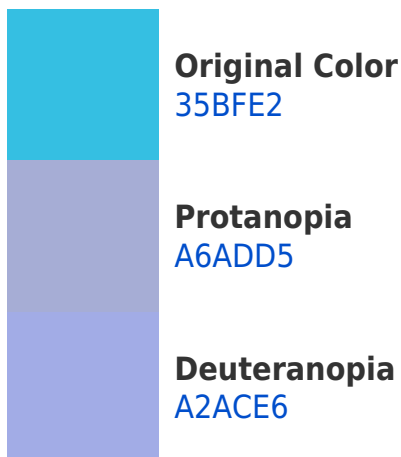


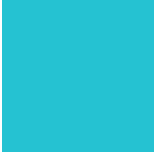
This preview shows how white text looks on a background with the Hex color 35BFE2.

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](#).

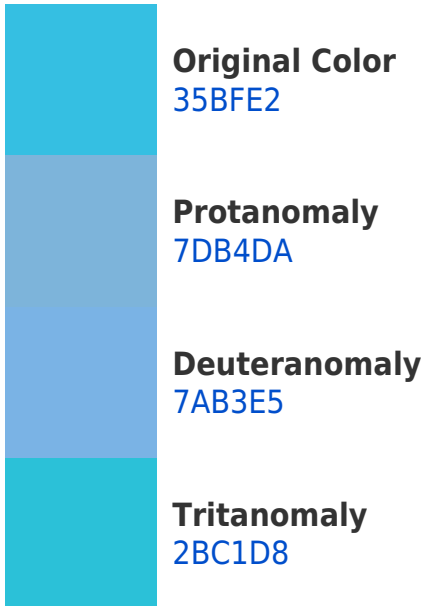
Dichromacy



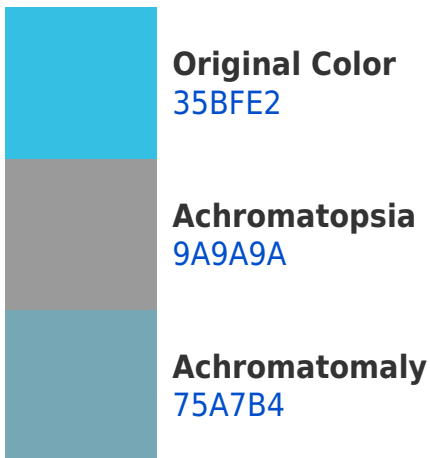


Tritanopia
25C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35BFE2 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 #35BFE2 looks like.

```
.text, #text, p{  
    color:#35BFE2  
}
```

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 #35BFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35BFE2
}
```

Border

The CSS property to change the border of an element to Hex 35BFE2 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
#35BFE2 }
```

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

```
.border{ border-color:#35BFE2 }
```

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

Here you see how a box with a 4 pixel #35BFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35BFE2; -webkit-box-shadow:4px 4px  
4px 4px #35BFE2; box-shadow:4px 4px 4px  
4px #35BFE2 }
```

Background

The CSS property to change the background color of an element to Hex 35BFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35BFE2 }
```

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

```
.background{ background-color:#35BFE2 }
```

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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