

Converting Colors

Hex(36BDF5)

Have a look what the booklet for
Hex(36BDF5) contains.

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Color

Hex(36BDF5)

Conversions

Conversions Part 1

Format	Color
Hex	36BDF5
RGB	54, 189, 245
RGB Percent	21%, 74%, 96%
CMY	0.7882, 0.2588, 0.0392
CMYK	0.78, 0.23, 0.00, 0.04
HSL	198°, 91%, 59%
HSV	198°, 78%, 96%
XYZ	36.2003, 43.7720, 92.9271
YIQ	155.0190, -98.4360, -11.2040

Conversions

Conversions Part 2

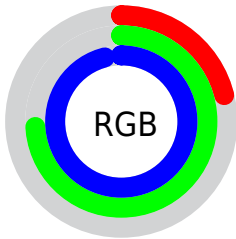
Format	Color
RYB	54, 133, 245
Decimal	3587573
CIELab	72.08, -17.20, -37.86
CIELCh	72, 41.581, 245.560
Yxy	43.7720, 0.2094, 0.2532
Android (android.graphics.Color)	4281777653 (0xFF36BDF5)
YUV	155.0190, 44.3606, -88.5937
Hunter-Lab	66.1604, -18.1127, -36.9648

Details

The Hex color **36BDF5** 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 **F56E36**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **80F5FF**, and **0088BC** is the 20% darker color. If you saturate the color by 10%, you get **1DB6F5**, and if you desaturate by 10%, it is **4EC4F5**.

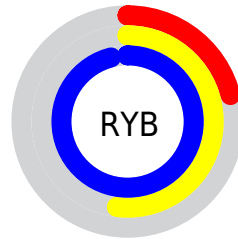
Distribution



Red (21%)

Green (74%)

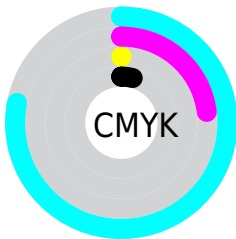
Blue (96%)



Red (21%)

Yellow (52%)

Blue (96%)

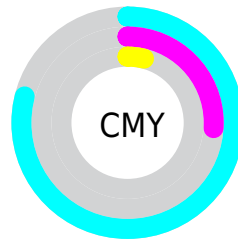


Cyan (78%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (79%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36BDF5 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 36BDF5 by changing the saturation by 10% instead.

 36BDF5

 36BDF5

FFFFFF

 00A2D8

 80F5FF

 0088BC

 A0FFFF

 006EA1

 C0FFFF

 005687

 DFFFFFF

 003F6D

FEFFFF

 002955

 00123D

 000327

 000110

 36BDF5

 36BDF5

 1DB6F5

 4EC4F5

 05AFF5

 67CBF5

 00ADF5

 7FD3F5

 98DAF5

 B1E1F5

 C9E8F5

 E2EFF5

 FAF6F5

 FFFE5

Harmonies

Analogous

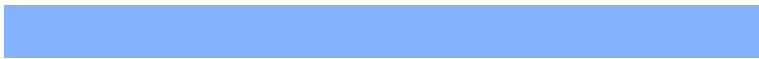
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C3DC



36BDF5



84B2FC

Triad

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



36BDF5



F992AB



9ABB71

Complementary

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



36BDF5



F56E36

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.



C2B164



36BDF5



F79886

Square

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



36BDF5



E698D1



E3A46C



6AC290

Rectangle

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



36BDF5



ACA9F5



E3A46C



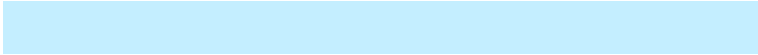
A8B86B

Sweetspot

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



36BDF5



C4EEFF



36F56C



5C7580



000000



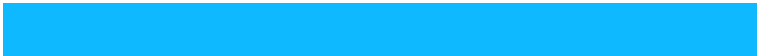
808080

Same Dimension

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



36BDF5



0FB9FF



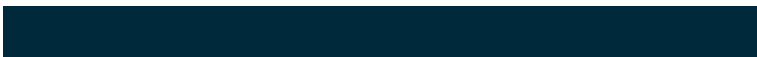
365FF5



6E777A



0084BA



00293B

Inverse Universe

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



F536BD



FF0FB9



F5CC36



7A6E77



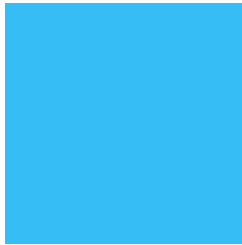
BA0084



3B0029

Previews

White Background



This preview shows how the Hex color 36BDF5 looks on a white background.

Color Contrast Check

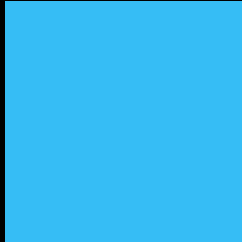
Large Text (above 18pt) WCAG AA × Fail

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 36BDF5 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

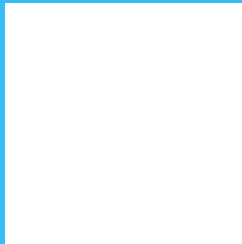
Any Text WCAG AAA ✓ Pass

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

Hex 36BDF5 Background



This preview shows how black text looks on a background with the Hex color 36BDF5.

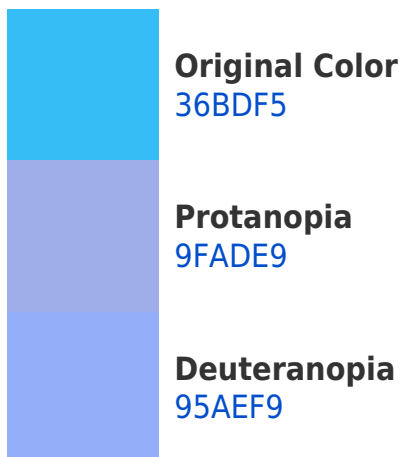


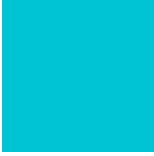
This preview shows how white text looks on a background with the Hex color 36BDF5.

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](#).

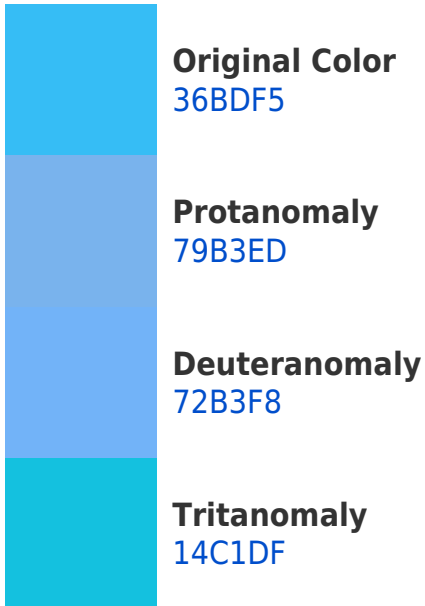
Dichromacy



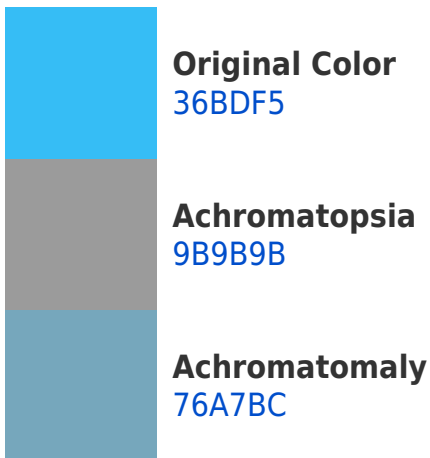


Tritanopia
00C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36BDF5 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 #36BDF5 looks like.

```
.text, #text, p{  
    color:#36BDF5  
}
```

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 #36BDF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36BDF5
}
```

Border

The CSS property to change the border of an element to Hex 36BDF5 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
#36BDF5 }
```

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

```
.border{ border-color:#36BDF5 }
```

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

Here you see how a box with a 4 pixel #36BDF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36BDF5; -webkit-box-shadow:4px 4px  
4px 4px #36BDF5; box-shadow:4px 4px 4px  
4px #36BDF5 }
```

Background

The CSS property to change the background color of an element to Hex 36BDF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36BDF5 }
```

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

```
.background{ background-color:#36BDF5 }
```

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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