

Converting Colors

Hex(36B6F5)

Have a look what the booklet for
Hex(36B6F5) contains.

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Color

Hex(36B6F5)

Conversions

Conversions Part 1

Format	Color
Hex	36B6F5
RGB	54, 182, 245
RGB Percent	21%, 71%, 96%
CMY	0.7882, 0.2863, 0.0392
CMYK	0.78, 0.26, 0.00, 0.04
HSL	200°, 91%, 59%
HSV	200°, 78%, 96%
XYZ	34.7307, 40.8327, 92.4372
YIQ	150.9100, -96.5110, -7.5430

Conversions

Conversions Part 2

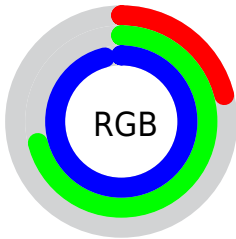
Format	Color
R _Y B	54, 131, 245
Decimal	3585781
CIE Lab	70.06, -13.48, -41.00
CIE LCh	70, 43.159, 251.798
Yxy	40.8327, 0.2067, 0.2431
Android (android.graphics.Color)	4281775861 (0xFF36B6F5)
YUV	150.9100, 46.3864, -84.9901
Hunter-Lab	63.9005, -14.8090, -41.0374

Details

The Hex color **36B6F5** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F57536**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **80EEFF**, and **0081BC** is the 20% darker color. If you saturate the color by 10%, you get **1DAEF5**, and if you desaturate by 10%, it is **4EBEF5**.

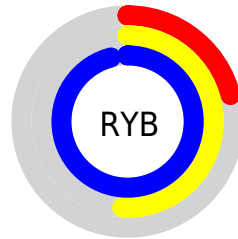
Distribution



Red (21%)

Green (71%)

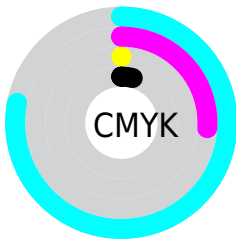
Blue (96%)



Red (21%)

Yellow (51%)

Blue (96%)

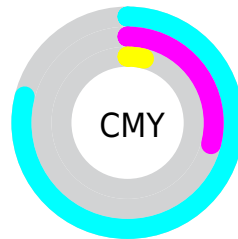


Cyan (78%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (79%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B6F5 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 36B6F5 by changing the saturation by 10% instead.

 36B6F5

 36B6F5

FFFFFF

 009BD8

 80EEFF

 0081BC

 A0FFFF

 0068A1

 BFFFFFF

 005087

 DFFFFFF

 00396D

FEFFFF

 002454

 00063D

 000326

 00010F

■ 36B6F5

■ 36B6F5

■ 1DAEF5

■ 4EBEF5

■ 05A6F5

■ 67C6F5

■ 00A4F5

■ 7FCEF5

■ 98D6F5

■ B1DEF5

■ C9E6F5

■ E2EFF5

■ FAF7F5

■ FFFFF5

Harmonies

Analogous

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



00BDDE



36B6F5



89AAF8

Triad

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



36B6F5



F78C9D



8AB86F

Complementary

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



36B6F5



F57536

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.



B5AE5D



36B6F5



F09379

Square

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



36B6F5



E88FC5



D8A161



55BE91

Rectangle

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



36B6F5



B2A0EE



D8A161



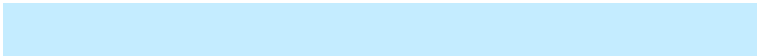
99B567

Sweetspot

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



36B6F5



C4ECFF



36F572



5C7480



000000



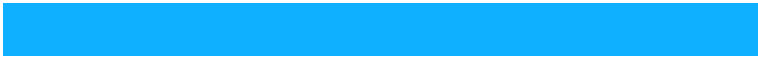
808080

Same Dimension

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



36B6F5



0FB0FF



3659F5



6E767A



007DBA



00273B

Inverse Universe

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



F536B6



FF0FB0



F5D236



7A6E76



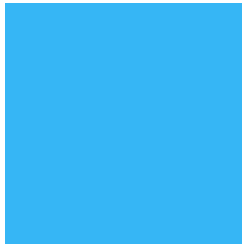
BA007D



3B0027

Previews

White Background



This preview shows how the Hex color 36B6F5 looks on a white background.

Color Contrast Check

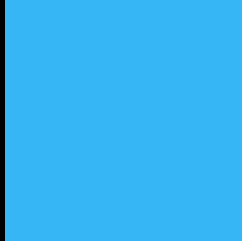
Large Text (above 18pt) WCAG AA × Fail

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 36B6F5 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

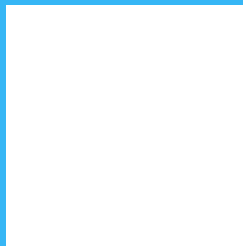
Any Text WCAG AAA ✓ Pass

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

Hex 36B6F5 Background



This preview shows how black text looks on a background with the Hex color 36B6F5.

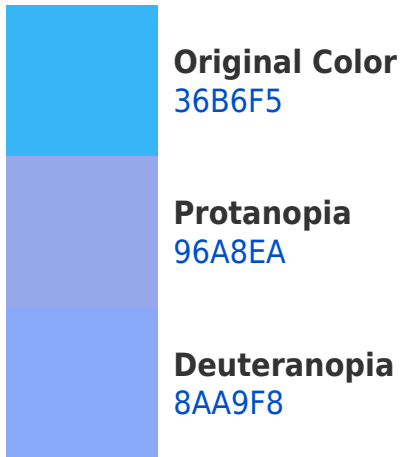


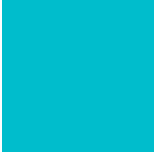
This preview shows how white text looks on a background with the Hex color 36B6F5.

Color Blindness Simulation

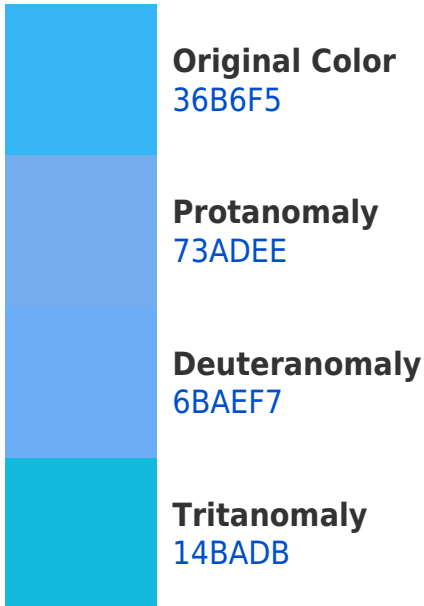
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

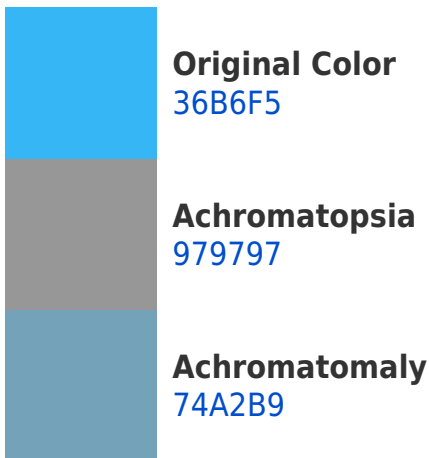




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B6F5 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 #36B6F5 looks like.

```
.text, #text, p{  
    color:#36B6F5  
}
```

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 #36B6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B6F5
}
```

Border

The CSS property to change the border of an element to Hex 36B6F5 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
#36B6F5 }
```

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

```
.border{ border-color:#36B6F5 }
```

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

Here you see how a box with a 4 pixel #36B6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B6F5; -webkit-box-shadow:4px 4px  
4px 4px #36B6F5; box-shadow:4px 4px 4px  
4px #36B6F5 }
```

Background

The CSS property to change the background color of an element to Hex 36B6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B6F5 }
```

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

```
.background{ background-color:#36B6F5 }
```

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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