

# Converting Colors

Hex(35DAF6)

Have a look what the booklet for  
Hex(35DAF6) contains.

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# **Color**

**Hex(35DAF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35DAF6
RGB	53, 218, 246
RGB Percent	21%, 85%, 96%
CMY	0.7922, 0.1451, 0.0353
CMYK	0.78, 0.11, 0.00, 0.04
HSL	189°, 91%, 59%
HSV	189°, 78%, 96%
XYZ	43.1742, 57.5535, 96.0222
YIQ	171.8570, -107.3280, -26.2720

# Conversions

## Conversions Part 2

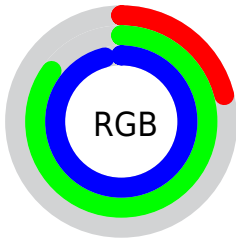
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	53, 142, 246
Decimal	3529462
CIE Lab	80.49, -31.55, -25.43
CIE LCh	80, 40.524, 218.871
Yxy	57.5535, 0.2194, 0.2925
Android (android.graphics.Color)	4281719542 (0xFF35DAF6)
YUV	171.8570, 36.5525, -104.2376
Hunter-Lab	75.8640, -31.1779, -21.9394

# Details

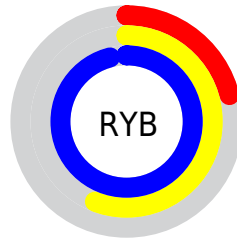
The Hex color **35DAF6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F65135**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **82FFFF**, and **00A3BE** is the 20% darker color. If you saturate the color by 10%, you get **1CD6F6**, and if you desaturate by 10%, it is **4EDEF6**.

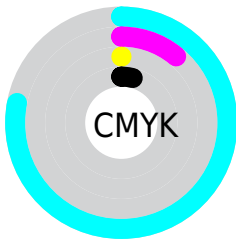
# Distribution



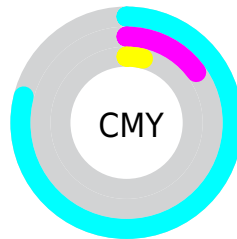
- Red (21%)
- Green (85%)
- Blue (96%)



- Red (21%)
- Yellow (56%)
- Blue (96%)



- Cyan (78%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (79%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35DAF6 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 35DAF6 by changing the saturation by 10% instead.



 35DAF6

 35DAF6

FFFFFF

 00BED9

 82FFFF

 00A3BE


 A3FFFF

 0088A3

 C3FFFF

 006E88

 E3FFFF

 00556F

 003E56

 00283F

 000629

 000113

 35DAF6

 35DAF6

 1CD6F6

 4EDEF6

 04D3F6

 66E1F6

 00D2F6

 7FE5F6

 97E8F6

 B0ECF6

 C9EFF6

 E1F3F6

 FAF7F6

 FFFAF6

# Harmonies

## Analogous

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



4DDCD2



35DAF6



65D3FF

# Triad

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



35DAF6



FFAEE4



D6C97C

# Complementary

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



35DAF6



F65135

# 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.



F8BC82



35DAF6



FFAABE

# Square

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



35DAF6



DBBAFF



FFB09A



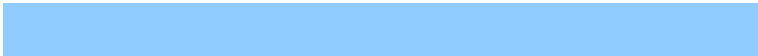
ADD38C

# Rectangle

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



35DAF6



90CCFF



FFB09A



E2C57C

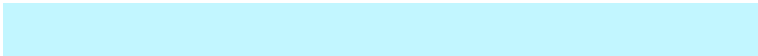


# Sweetspot

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



35DAF6



C2F6FF



35F64F



5B7A80



000000



808080



# Same Dimension

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



35DAF6



0FDCFF



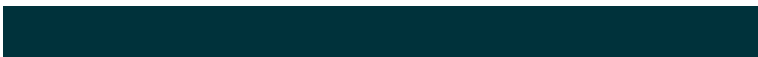
357CF6



6E797A



009FBA



00323B



# Inverse Universe

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



F635DA



FF0FDC



F6AF35



7A6E79



BA009F

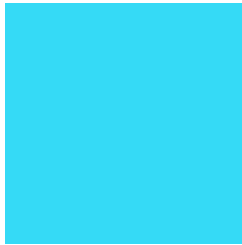


3B0032



# Previews

## White Background



This preview shows how the Hex color 35DAF6 looks on a white background.

## Color Contrast Check

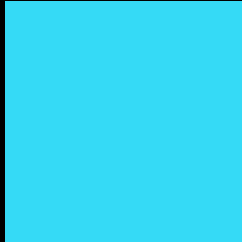
Large Text (above 18pt) WCAG AA × Fail

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 35DAF6 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 35DAF6 Background



This preview shows how black text looks on a background with the Hex color 35DAF6.

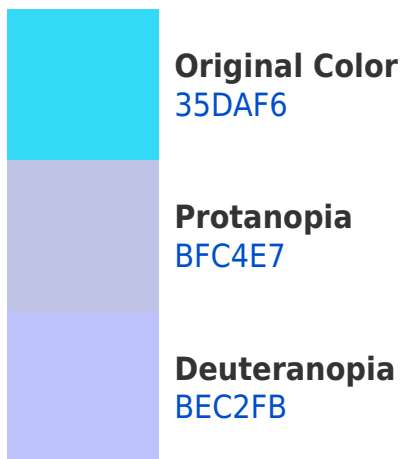


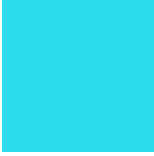
This preview shows how white text looks on a background with the Hex color 35DAF6.

# 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](#).

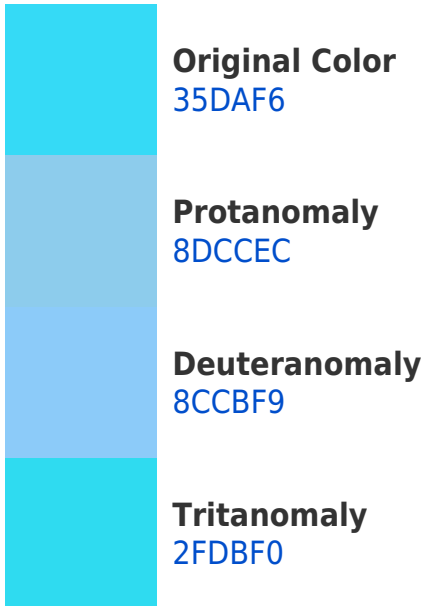
## Dichromacy



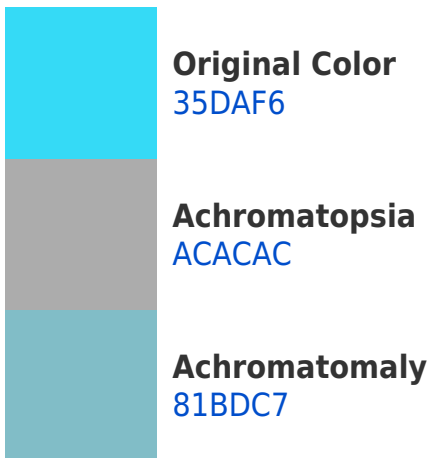


**Tritanopia**  
2CDBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35DAF6 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 #35DAF6 looks like.

```
.text, #text, p{  
    color:#35DAF6  
}
```

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 #35DAF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35DAF6
}
```

## Border

The CSS property to change the border of an element to Hex 35DAF6 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
#35DAF6 }
```

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

```
.border{ border-color:#35DAF6 }
```

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

Here you see how a box with a 4 pixel #35DAF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35DAF6; -webkit-box-shadow:4px 4px  
4px 4px #35DAF6; box-shadow:4px 4px 4px  
4px #35DAF6 }
```

# Background

The CSS property to change the background color of an element to Hex 35DAF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35DAF6 }
```

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

```
.background{ background-color:#35DAF6 }
```

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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