

# Converting Colors

Hex(37D5F6)

Have a look what the booklet for  
Hex(37D5F6) contains.

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**Color**

**Hex(37D5F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37D5F6
RGB	55, 213, 246
RGB Percent	22%, 84%, 96%
CMY	0.7843, 0.1647, 0.0353
CMYK	0.78, 0.13, 0.00, 0.04
HSL	190°, 91%, 59%
HSV	190°, 78%, 96%
XYZ	42.0044, 55.0545, 95.6015
YIQ	169.5200, -104.7610, -23.2330

# Conversions

## Conversions Part 2

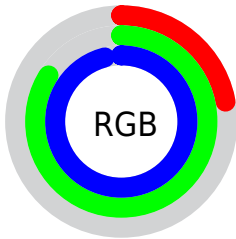
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 141, 246
Decimal	3659254
CIELab	79.07, -28.94, -27.59
CIELCh	79, 39.991, 223.632
Yxy	55.0545, 0.2180, 0.2858
Android (android.graphics.Color)	4281849334 (0xFF37D5F6)
YUV	169.5200, 37.7046, -100.4340
Hunter-Lab	74.1988, -28.7979, -24.4532

# Details

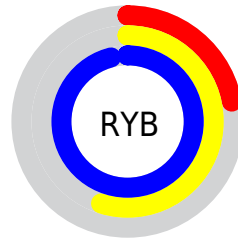
The Hex color **37D5F6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F65837**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **83FFFF**, and **009EBE** is the 20% darker color. If you saturate the color by 10%, you get **1ED1F6**, and if you desaturate by 10%, it is **50D9F6**.

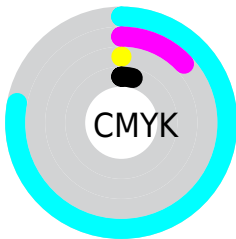
# Distribution



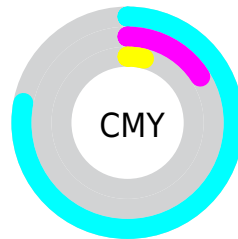
- Red (22%)
- Green (84%)
- Blue (96%)



- Red (22%)
- Yellow (55%)
- Blue (96%)



- Cyan (78%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (78%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37D5F6 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 37D5F6 by changing the saturation by 10% instead.



 37D5F6

 37D5F6

FFFFFF

 00B9D9

 83FFFF

 009EBE

 A3FFFF

 0084A2

 C3FFFF

 006A88

 E3FFFF

 00526F

 003A56

 00253F

 000329

 000113

 37D5F6

 37D5F6

 1ED1F6

 50D9F6

 06CCF6

 68DEF6

 00CBF6

 81E2F6

 99E6F6

 B2EAF6

 CBEFF6

 E3F3F6

 FCF7F6

 FFFBF6

# Harmonies

## Analogous

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



44D8D4



37D5F6



6DCDFF

# Triad

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



37D5F6



FFAADA



CCC77A

# Complementary

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



37D5F6



F65837

# 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.



EEBA7D



37D5F6



FFA7B4

# Square

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



37D5F6



DEB4FA



FFAE92



A2D18D

# Rectangle

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



37D5F6



96C6FF



FFAE92



D8C379

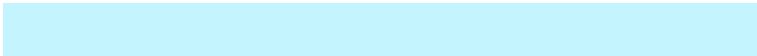


# Sweetspot

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



37D5F6



C4F5FF



37F657



5C7980



000000



808080

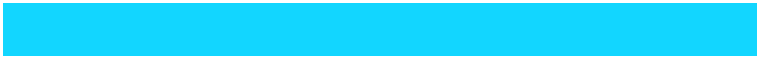


# Same Dimension

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



37D5F6



12D6FF



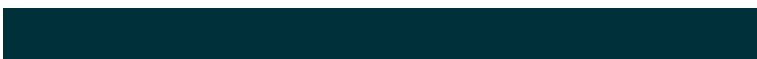
3777F6



6E787A



009ABA



00313B



# Inverse Universe

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



F637D5



FF12D6



F6B637



7A6E78



BA009A

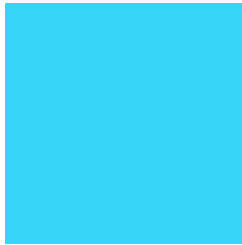


3B0031



# Previews

## White Background



This preview shows how the Hex color 37D5F6 looks on a white background.

## Color Contrast Check

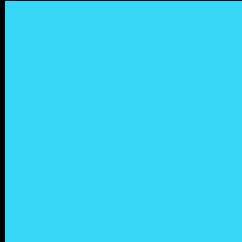
Large Text (above 18pt) WCAG AA × Fail

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 37D5F6 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 37D5F6 Background



This preview shows how black text looks on a background with the Hex color 37D5F6.

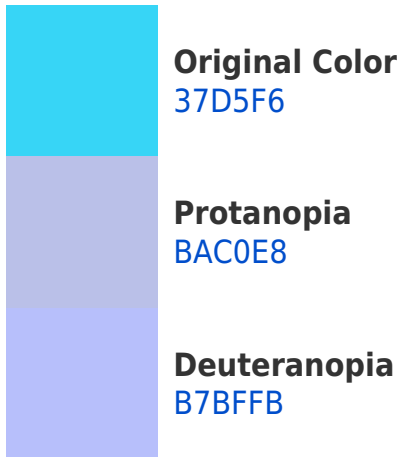


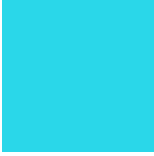
This preview shows how white text looks on a background with the Hex color 37D5F6.

# 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**  
2AD7E9

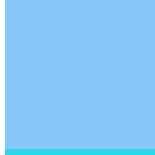
# Trichromacy



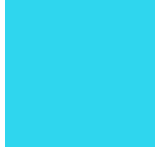
**Original Color**  
37D5F6



**Protanomaly**  
8AC8ED



**Deuteranomaly**  
88C7F9

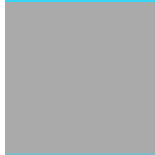


**Tritanomaly**  
2FD6EE

# Monochromacy



**Original Color**  
37D5F6



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
80BAC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37D5F6 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 #37D5F6 looks like.

```
.text, #text, p{  
    color:#37D5F6  
}
```

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 #37D5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D5F6
}
```

## Border

The CSS property to change the border of an element to Hex 37D5F6 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
#37D5F6 }
```

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

```
.border{ border-color:#37D5F6 }
```

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

Here you see how a box with a 4 pixel #37D5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D5F6; -webkit-box-shadow:4px 4px  
4px 4px #37D5F6; box-shadow:4px 4px 4px  
4px #37D5F6 }
```

# Background

The CSS property to change the background color of an element to Hex 37D5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D5F6 }
```

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

```
.background{ background-color:#37D5F6 }
```

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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