

Converting Colors

Hex(0DB3F5)

Have a look what the booklet for
Hex(0DB3F5) contains.

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Color

Hex(0DB3F5)

Conversions

Conversions Part 1

Format	Color
Hex	0DB3F5
RGB	13, 179, 245
RGB Percent	5%, 70%, 96%
CMY	0.9490, 0.2980, 0.0392
CMYK	0.95, 0.27, 0.00, 0.04
HSL	197°, 92%, 51%
HSV	197°, 95%, 96%
XYZ	32.7675, 38.9183, 92.1712
YIQ	136.8900, -120.1220, -14.6660

Conversions

Conversions Part 2

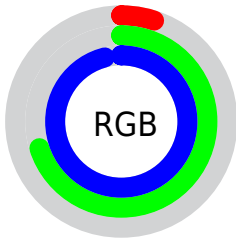
Format	Color
R _{YB}	13, 110, 245
Decimal	898037
CIE Lab	68.69, -14.46, -43.17
CIE LCh	69, 45.530, 251.486
Yxy	38.9183, 0.2000, 0.2375
Android (android.graphics.Color)	4279088117 (0xFF0DB3F5)
YUV	136.8900, 53.2982, -108.6515
Hunter-Lab	62.3846, -15.4158, -43.9299

Details

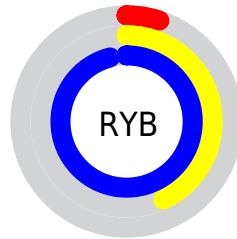
The Hex color **0DB3F5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **F54F0D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **71EBFF**, and **007EBC** is the 20% darker color. If you saturate the color by 10%, you get **00AFF5**, and if you desaturate by 10%, it is **26BAF5**.

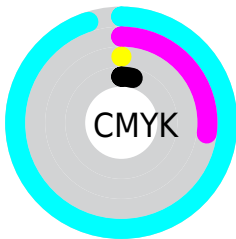
Distribution



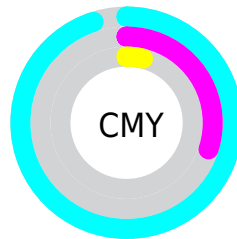
- Red (5%)
- Green (70%)
- Blue (96%)



- Red (5%)
- Yellow (43%)
- Blue (96%)



- Cyan (95%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DB3F5 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 0DB3F5 by changing the saturation by 10% instead.

 0DB3F5

 0DB3F5

FFFFFF

 0098D8

 71EBFF

 007EBC

 92FFFF

 0065A1

 B3FFFF

 004E87

 D2FFFF


 00376D

 F2FFFF

 002254

 00063D

 000326

 00010F

0DB3F5

0DB3F5

00AFF5

26BAF5

3EC1F5

57C8F5

6FCFF5

88D6F5

A0DDF5

B9E4F5

D1EBF5

EAF2F5

Harmonies

Analogous

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



00BADD



0DB3F5



82A6F8

Triad

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



0DB3F5



F68699



84B568

Complementary

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



0DB3F5



F54F0D

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.



B2AA54



0DB3F5



EF8E73

Square

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



0DB3F5



E78AC3



D69C59



4ABB8C

Rectangle

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



0DB3F5



AE9CEE



D69C59



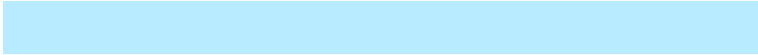
94B25F

Sweetspot

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



0DB3F5



B8EBFF



0DF54F



547380



000000



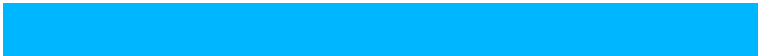
808080

Same Dimension

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



0DB3F5



00B6FF



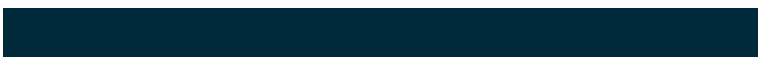
0D3FF5



6E777A



0085BA



002A3B

Inverse Universe

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



F50DB3



FF00B6



F5C30D



7A6E77



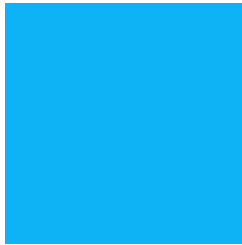
BA0085



3B002A

Previews

White Background



This preview shows how the Hex color 0DB3F5 looks on a white background.

Color Contrast Check

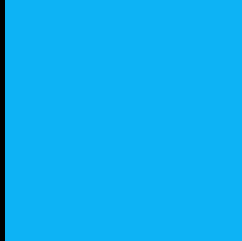
Large Text (above 18pt) WCAG AA × Fail

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 0DB3F5 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

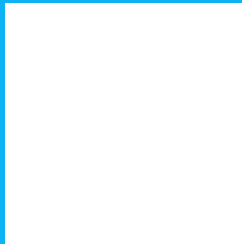
Any Text WCAG AAA ✓ Pass

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

Hex 0DB3F5 Background



This preview shows how black text looks on a background with the Hex color 0DB3F5.

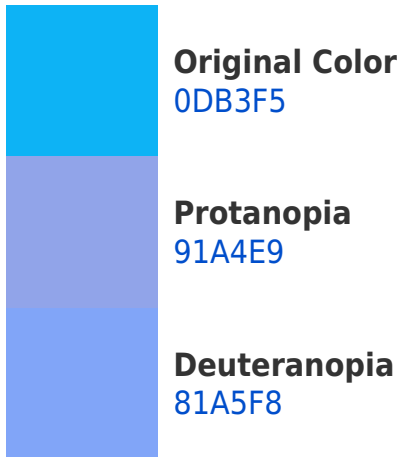


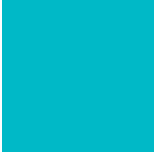
This preview shows how white text looks on a background with the Hex color 0DB3F5.

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](#).

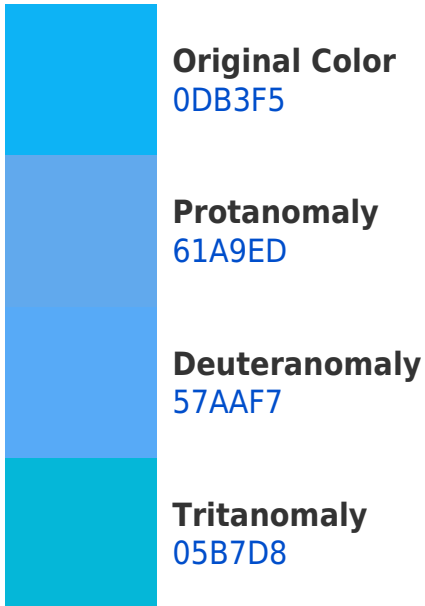
Dichromacy





Tritanopia
00B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0DB3F5 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 #0DB3F5 looks like.

```
.text, #text, p{  
    color:#0DB3F5  
}
```

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 #0DB3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DB3F5
}
```

Border

The CSS property to change the border of an element to Hex 0DB3F5 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
#0DB3F5 }
```

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

```
.border{ border-color:#0DB3F5 }
```

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

Here you see how a box with a 4 pixel #0DB3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DB3F5; -webkit-box-shadow:4px 4px  
4px 4px #0DB3F5; box-shadow:4px 4px 4px  
4px #0DB3F5 }
```

Background

The CSS property to change the background color of an element to Hex 0DB3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DB3F5 }
```

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

```
.background{ background-color:#0DB3F5 }
```

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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