

Converting Colors

Hex(1D7EEF)

Have a look what the booklet for
Hex(1D7EEF) contains.

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Color

Hex(1D7EEF)

Conversions

Conversions Part 1

Format	Color
Hex	1D7EEF
RGB	29, 126, 239
RGB Percent	11%, 49%, 94%
CMY	0.8863, 0.5059, 0.0627
CMYK	0.88, 0.47, 0.00, 0.06
HSL	212°, 87%, 53%
HSV	212°, 88%, 94%
XYZ	23.5475, 21.4149, 84.5538
YIQ	109.8790, -94.0850, 14.5790

Conversions

Conversions Part 2

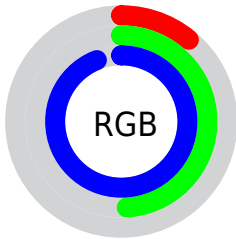
Format	Color
R _Y B	29, 95, 239
Decimal	1933039
CIE Lab	53.40, 14.89, -64.18
CIE LCh	53, 65.880, 283.063
Yxy	21.4149, 0.1818, 0.1653
Android (android.graphics.Color)	4280123119 (0xFF1D7EEF)
YUV	109.8790, 63.6567, -70.9309
Hunter-Lab	46.2763, 9.8458, -75.9385

Details

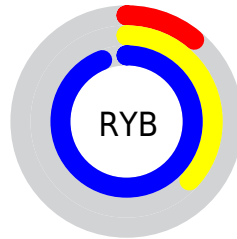
The Hex color **1D7EEF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EF8E1D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **73B2FF**, and **004EB6** is the 20% darker color. If you saturate the color by 10%, you get **0571EF**, and if you desaturate by 10%, it is **358BEF**.

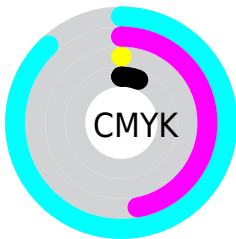
Distribution



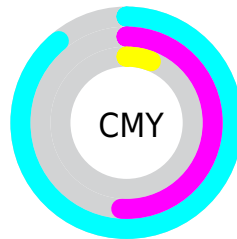
- Red (11%)
- Green (49%)
- Blue (94%)



- Red (11%)
- Yellow (37%)
- Blue (94%)



- Cyan (88%)
- Magenta (47%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7EEF 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 1D7EEF by changing the saturation by 10% instead.

 1D7EEF

 1D7EEF

FFFFFF

 0065D2

 73B2FF

 004EB6

 93CDFF

 00389B

 B3E9FF

 002580

 D2FFFF

 001066

 F2FFFF

 000A4D

 000535

 00021F

 000003

■ 1D7EEF

■ 1D7EEF

■ 0571EF

■ 358BEF

■ 006EEF

■ 4D98EF

■ 65A5EF

■ 7DB1EF

■ 94BEEF

■ ACCBEF

■ C4D8EF

■ DCE5EF

■ F4F2EF

Harmonies

Analogous

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



008FEC



1D7EEF



A164D3

Triad

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



1D7EEF



D65734



00975C

Complementary

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



1D7EEF



EF8E1D

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.



409122



1D7EEF



B37100

Square

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



1D7EEF



E44269



838500



009998

Rectangle

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



1D7EEF



C751B4



838500



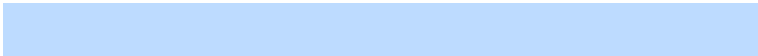
009649

Sweetspot

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



1D7EEF



BDDBFF



1DEF8D



586A80



000000



808080

Same Dimension

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



1D7EEF



0076FF



241DEF



6C7178



0055B8



001A38

Inverse Universe

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



EF1D7E



FF0076



E8EF1D



786C71



B80055



38001A

Previews

White Background



This preview shows how the Hex color 1D7EEF looks on a white background.

Color Contrast Check

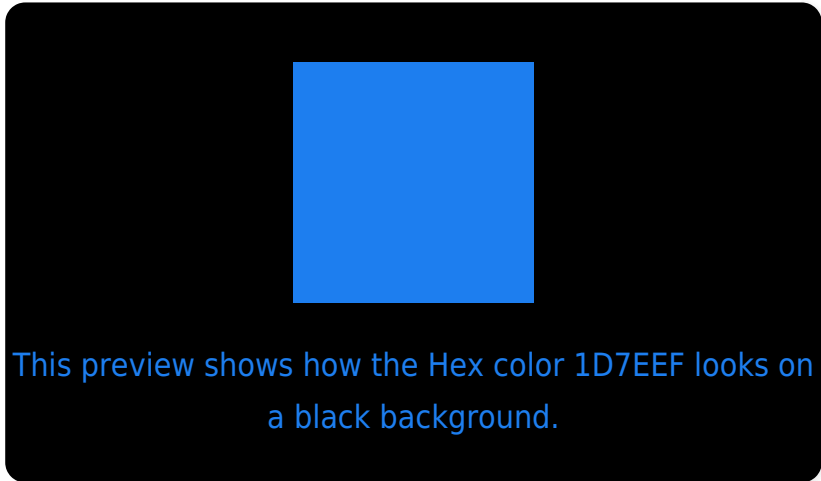
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

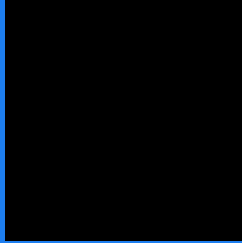
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

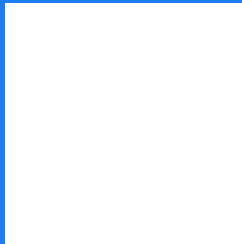
Any Text WCAG AAA × Fail

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

Hex 1D7EEF Background



This preview shows how black text looks on a background with the Hex color 1D7EEF.



This preview shows how white text looks on a background with the Hex color 1D7EEF.

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



Original Color
1D7EEF

Protanopia
437BEC

Deuteranopia
0081E3



Tritanopia
008D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7EEF 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 #1D7EEF looks like.

```
.text, #text, p{  
    color:#1D7EEF  
}
```

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 #1D7EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7EEF
}
```

Border

The CSS property to change the border of an element to Hex 1D7EEF 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
#1D7EEF }
```

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

```
.border{ border-color:#1D7EEF }
```

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

Here you see how a box with a 4 pixel #1D7EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7EEF; -webkit-box-shadow:4px 4px  
4px 4px #1D7EEF; box-shadow:4px 4px 4px  
4px #1D7EEF }
```

Background

The CSS property to change the background color of an element to Hex 1D7EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7EEF }
```

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

```
.background{ background-color:#1D7EEF }
```

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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