

Converting Colors

Hex(1D86E0)

Have a look what the booklet for
Hex(1D86E0) contains.

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Color

Hex(1D86E0)

Conversions

Conversions Part 1

Format	Color
Hex	1D86E0
RGB	29, 134, 224
RGB Percent	11%, 53%, 88%
CMY	0.8863, 0.4745, 0.1216
CMYK	0.87, 0.40, 0.00, 0.12
HSL	208°, 77%, 50%
HSV	208°, 87%, 88%
XYZ	22.4863, 22.6932, 73.7161
YIQ	112.8650, -91.4700, 5.7300

Conversions

Conversions Part 2

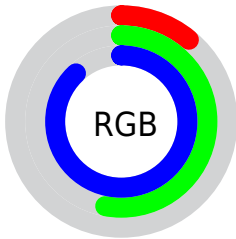
Format	Color
R_YB	29, 97, 224
Decimal	1935072
CIE _{Lab}	54.75, 4.26, -53.62
CIE _{LCh}	55, 53.794, 274.545
Yxy	22.6932, 0.1891, 0.1909
Android (android.graphics.Color)	4280125152 (0xFF1D86E0)
YUV	112.8650, 54.7896, -73.5496
Hunter-Lab	47.6374, 0.8921, -58.4016

Details

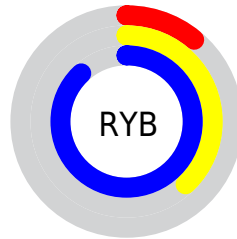
The Hex color **1D86E0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E0771D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6FBBFF**, and **0055A8** is the 20% darker color. If you saturate the color by 10%, you get **077CE0**, and if you desaturate by 10%, it is **3390E0**.

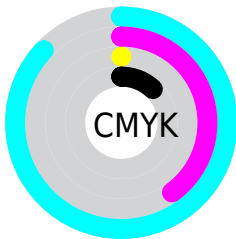
Distribution



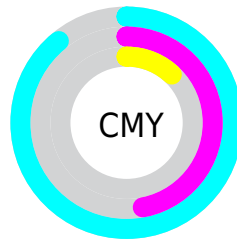
- Red (11%)
- Green (53%)
- Blue (88%)



- Red (11%)
- Yellow (38%)
- Blue (88%)



- Cyan (87%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D86E0 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 1D86E0 by changing the saturation by 10% instead.

■ 1D86E0

■ 1D86E0

FFFFFF

■ 006DC4

■ 6FBFF

■ 0055A8

■ 8FD6FF

■ 003F8D

■ AEF3FF

■ 002A73

■ CDFFF

■ 00165A

■ ECFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 1D86E0

■ 1D86E0

■ 077CE0

■ 3390E0

■ 0079E0

■ 4A9BE0

■ 60A5E0

■ 77AFE0

■ 8DBAE0

■ A3C4E0

■ BACEE0

■ D0D9E0

■ E7E3E0

Harmonies

Analogous

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



0092D7



1D86E0



8E74D0

Triad

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



1D86E0



D36051



039659

Complementary

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



1D86E0



E0771D

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.



658F30



1D86E0



BB722C

Square

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



1D86E0



D7577E



95831B



009989

Rectangle

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



1D86E0



B366BA



95831B



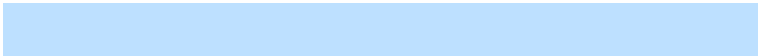
38954A

Sweetspot

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



1D86E0



BDE0FF



1DE075



586D80



000000



808080

Same Dimension

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



1D86E0



0089FF



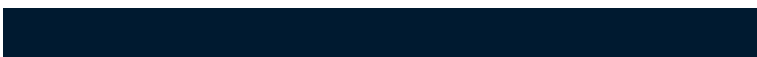
1D27E0



656B70



005FB0



001A30

Inverse Universe

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



E01D86



FF0089



E0D61D



70656B



B0005F



30001A

Previews

White Background



This preview shows how the Hex color 1D86E0 looks on a white background.

Color Contrast Check

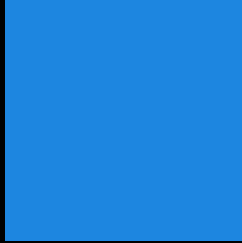
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 1D86E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

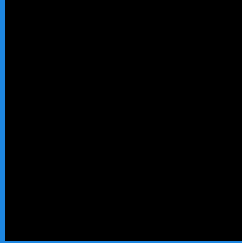
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

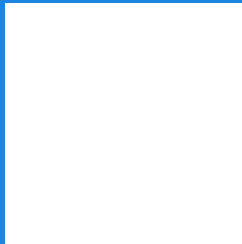
Any Text WCAG AAA × Fail

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

Hex 1D86E0 Background



This preview shows how black text looks on a background with the Hex color 1D86E0.

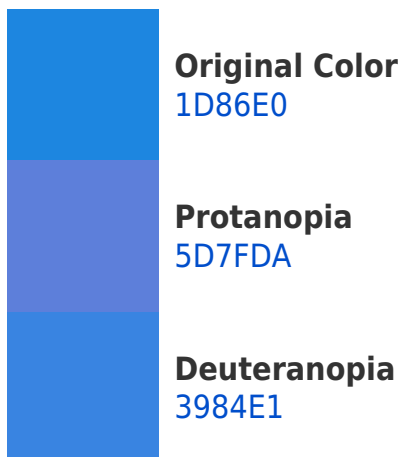


This preview shows how white text looks on a background with the Hex color 1D86E0.

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



Original Color
1D86E0

Protanomaly
4682DC

Deuteranomaly
2F85E1

Monochromacy



Original Color
1D86E0

Achromatopsia
717171

Achromatomaly
527999

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D86E0 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 #1D86E0 looks like.

```
.text, #text, p{  
    color:#1D86E0  
}
```

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 #1D86E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D86E0
}
```

Border

The CSS property to change the border of an element to Hex 1D86E0 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
#1D86E0 }
```

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

```
.border{ border-color:#1D86E0 }
```

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

Here you see how a box with a 4 pixel #1D86E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D86E0; -webkit-box-shadow:4px 4px  
4px 4px #1D86E0; box-shadow:4px 4px 4px  
4px #1D86E0 }
```

Background

The CSS property to change the background color of an element to Hex 1D86E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D86E0 }
```

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

```
.background{ background-color:#1D86E0 }
```

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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