

Converting Colors

Hex(1D93F4)

Have a look what the booklet for
Hex(1D93F4) contains.

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Color

Hex(1D93F4)

Conversions

Conversions Part 1

Format	Color
Hex	1D93F4
RGB	29, 147, 244
RGB Percent	11%, 58%, 96%
CMY	0.8863, 0.4235, 0.0431
CMYK	0.88, 0.40, 0.00, 0.04
HSL	207°, 91%, 54%
HSV	207°, 88%, 96%
XYZ	27.2695, 27.6603, 89.4897
YIQ	122.7760, -101.4650, 5.1510

Conversions

Conversions Part 2

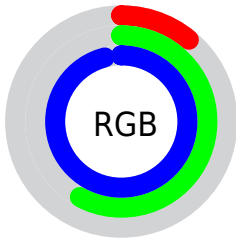
Format	Color
R _Y B	29, 105, 244
Decimal	1938420
CIE Lab	59.58, 4.00, -57.03
CIE LCh	60, 57.170, 274.008
Yxy	27.6603, 0.1888, 0.1915
Android (android.graphics.Color)	4280128500 (0xFF1D93F4)
YUV	122.7760, 59.7634, -82.2416
Hunter-Lab	52.5931, 0.5145, -64.0697

Details

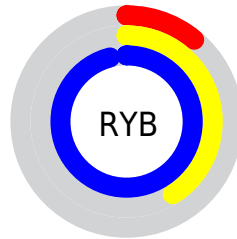
The Hex color **1D93F4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **F47E1D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **73C8FF**, and **0061BB** is the 20% darker color. If you saturate the color by 10%, you get **0588F4**, and if you desaturate by 10%, it is **359EF4**.

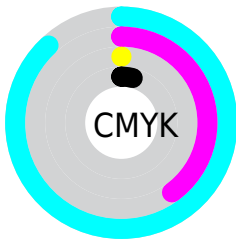
Distribution



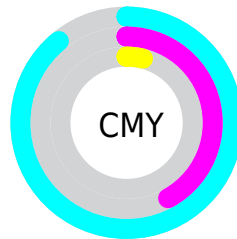
- Red (11%)
- Green (58%)
- Blue (96%)



- Red (11%)
- Yellow (41%)
- Blue (96%)



- Cyan (88%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D93F4 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 1D93F4 by changing the saturation by 10% instead.

 1D93F4

 1D93F4

FFFFFF

 007AD7

 73C8FF

 0061BB

 94E4FF

 004AA0

 B4FFFF

 003485

 D4FFFF

 00216B

 F3FFFF

 000952

 00063A

 000224

 00000B

■ 1D93F4

■ 1D93F4

■ 0588F4

■ 359EF4

■ 0086F4

■ 4EA9F4

■ 66B4F4

■ 7FBFF4

■ 97CAF4

■ AFD5F4

■ C8E0F4

■ E0EBF4

■ F9F6F4

Harmonies

Analogous

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



00A0E9



1D93F4



9A7FE3

Triad

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



1D93F4



E6695A



0FA461

Complementary

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



1D93F4



F47E1D

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.



709D36



1D93F4



CC7D33

Square

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



1D93F4



EA608B



A48F20



00A895

Rectangle

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



1D93F4



C371CB



A48F20



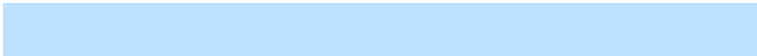
40A251

Sweetspot

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



1D93F4



BDE1FF



1DF47E



586E80



000000



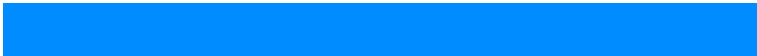
808080

Same Dimension

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



1D93F4



008CFF



1D28F4



6E757A



0066BA



00203B

Inverse Universe

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



F41D93



FF008C



F4E91D



7A6E75



BA0066



3B0020

Previews

White Background



This preview shows how the Hex color 1D93F4 looks on a white background.

Color Contrast Check

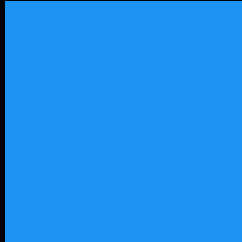
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D93F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

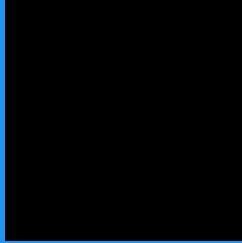
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

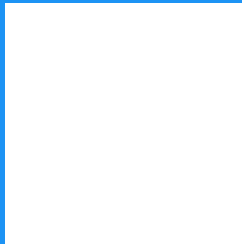
Any Text WCAG AAA × Fail

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

Hex 1D93F4 Background



This preview shows how black text looks on a background with the Hex color 1D93F4.

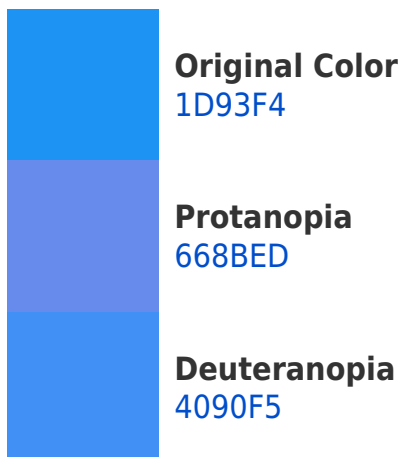


This preview shows how white text looks on a background with the Hex color 1D93F4.

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](#).

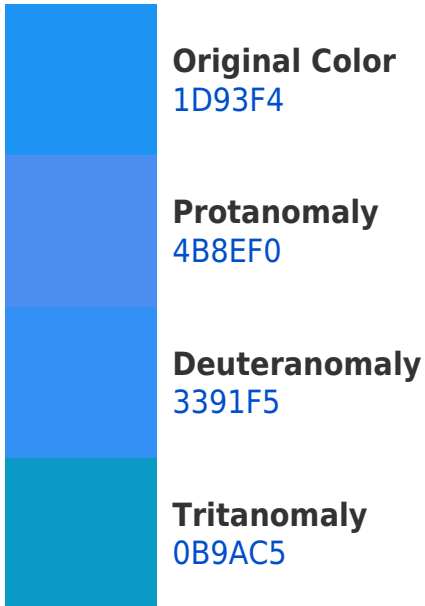
Dichromacy



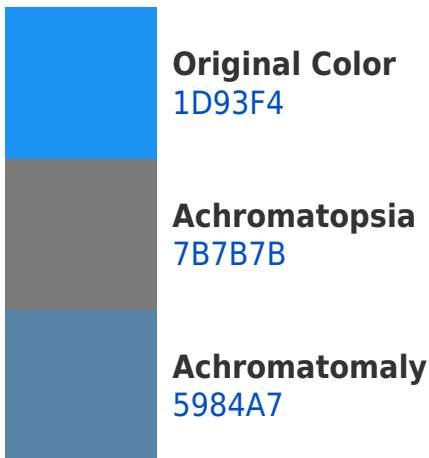


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D93F4 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 #1D93F4 looks like.

```
.text, #text, p{  
    color:#1D93F4  
}
```

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 #1D93F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D93F4
}
```

Border

The CSS property to change the border of an element to Hex 1D93F4 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
#1D93F4 }
```

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

```
.border{ border-color:#1D93F4 }
```

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

Here you see how a box with a 4 pixel #1D93F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D93F4; -webkit-box-shadow:4px 4px  
4px 4px #1D93F4; box-shadow:4px 4px 4px  
4px #1D93F4 }
```

Background

The CSS property to change the background color of an element to Hex 1D93F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D93F4 }
```

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

```
.background{ background-color:#1D93F4 }
```

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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