

# Converting Colors

Hex(1D96E4)

Have a look what the booklet for  
Hex(1D96E4) contains.

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# Color

**Hex(1D96E4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 1D96E4                      |
| RGB           | 29, 150, 228                |
| RGB Percent   | 11%, 59%, 89%               |
| CMY           | 0.8863, 0.4118, 0.1059      |
| CMYK          | 0.87, 0.34, 0.00, 0.11      |
| HSL           | 204°, 79%, 50%              |
| HSV           | 204°, 87%, 89%              |
| XYZ           | 25.4166, 27.6753, 77.4011   |
| YIQ           | 122.7130, -97.1540, -1.3940 |

# Conversions

## Conversions Part 2

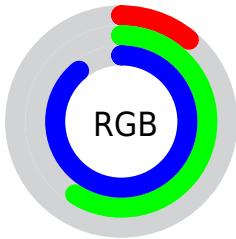
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 29, 104, 228                   |
| Decimal                             | 1939172                        |
| CIE <sub>Lab</sub>                  | 59.59, -3.71, -48.16           |
| CIE <sub>LCh</sub>                  | 60, 48.302, 265.597            |
| Yxy                                 | 27.6753, 0.1948,<br>0.2121     |
| Android<br>(android.graphics.Color) | 4280129252<br>(0xFF1D96E4)     |
| YUV                                 | 122.7130, 51.9065,<br>-82.1863 |
| Hunter-Lab                          | 52.6074, -5.8227,<br>-50.4081  |

# Details

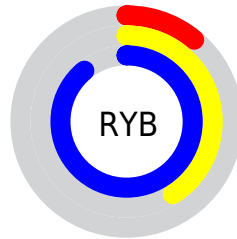
The Hex color **1D96E4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E46B1D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70CCFF**, and **0064AC** is the 20% darker color. If you saturate the color by 10%, you get **068DE4**, and if you desaturate by 10%, it is **349FE4**.

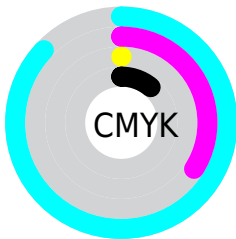
# Distribution



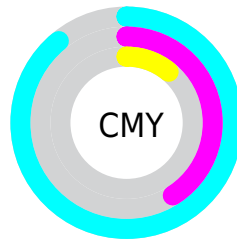
- Red (11%)
- Green (59%)
- Blue (89%)



- Red (11%)
- Yellow (41%)
- Blue (89%)



- Cyan (87%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (41%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D96E4 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 1D96E4 by changing the saturation by 10% instead.



 1D96E4

 1D96E4

FFFFFF

 007CC8

 70CCFF

 0064AC

 90E8FF

 004C91

 AFFFFFF

 003677

 CEFFFF

 00225E

 EDFFFF

 000846

 00042E

 000119

 000000

■ 1D96E4

■ 1D96E4

■ 068DE4

■ 349FE4

■ 008BE4

■ 4BA8E4

■ 61B1E4

■ 78BAE4

■ 8FC3E4

■ A6CCE4

■ BDD5E4

■ D3DDE4

■ EAE6E4

# Harmonies

## Analogous

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



00A0D5



1D96E4



8887DC

# Triad

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



1D96E4



DE6E6D



4EA05E

# Complementary

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



1D96E4



E46B1D

# 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.



84983F



1D96E4



CD7B4A

# Square

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



1D96E4



DA6B98



AD8B37



00A488

# Rectangle

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



1D96E4



AF7BCB



AD8B37



629E52

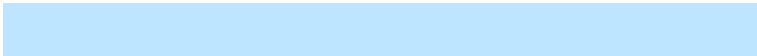


# Sweetspot

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



1D96E4



BDE5FF



1DE469



587080



000000



808080

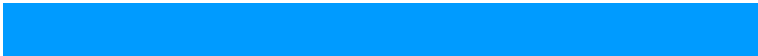


# Same Dimension

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



1D96E4



009BFF



1D34E4



676E73



006DB3



001F33



# Inverse Universe

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



E41D96



FF009B



E4CD1D



73676E



B3006D

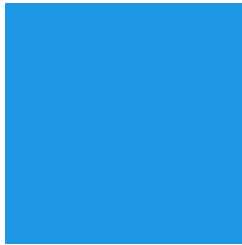


33001F



# Previews

## White Background



This preview shows how the Hex color 1D96E4 looks on a white background.

## Color Contrast Check

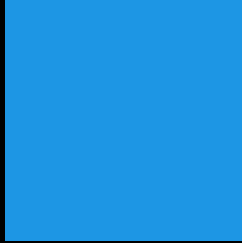
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D96E4 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

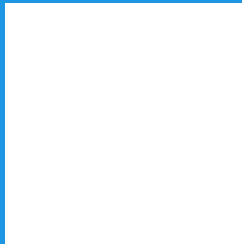
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D96E4 Background



This preview shows how black text looks on a background with the Hex color 1D96E4.

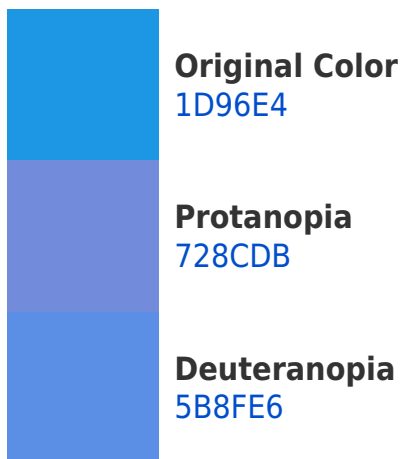


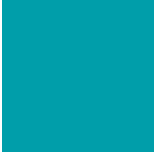
This preview shows how white text looks on a background with the Hex color 1D96E4.

# 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](#).

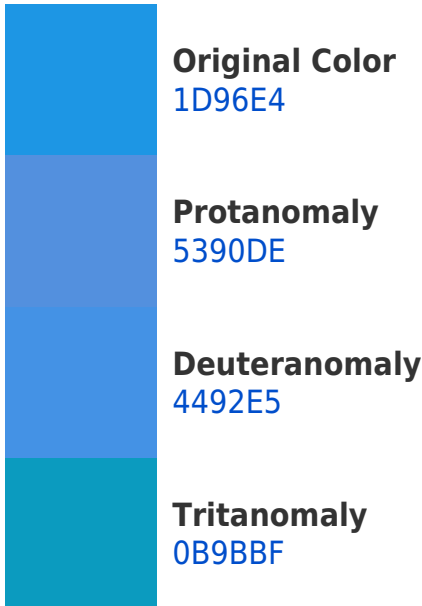
## Dichromacy





**Tritanopia**  
009EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D96E4 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 #1D96E4 looks like.

```
.text, #text, p{  
    color:#1D96E4  
}
```

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 #1D96E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D96E4
}
```

## Border

The CSS property to change the border of an element to Hex 1D96E4 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
#1D96E4 }
```

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

```
.border{ border-color:#1D96E4 }
```

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

Here you see how a box with a 4 pixel #1D96E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D96E4; -webkit-box-shadow:4px 4px  
4px 4px #1D96E4; box-shadow:4px 4px 4px  
4px #1D96E4 }
```

# Background

The CSS property to change the background color of an element to Hex 1D96E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D96E4 }
```

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

```
.background{ background-color:#1D96E4 }
```

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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