

# Converting Colors

Hex(1D50EC)

Have a look what the booklet for  
Hex(1D50EC) contains.

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# Color

Hex(1D50EC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D50EC
RGB	29, 80, 236
RGB Percent	11%, 31%, 93%
CMY	0.8863, 0.6863, 0.0745
CMYK	0.88, 0.66, 0.00, 0.07
HSL	225°, 84%, 52%
HSV	225°, 88%, 93%
XYZ	18.5157, 12.0547, 80.7078
YIQ	82.5350, -80.4720, 37.7040

# Conversions

## Conversions Part 2

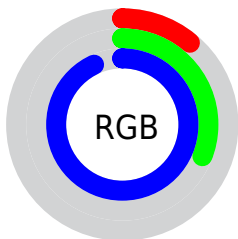
<b>Format</b>	<b>Color</b>
<code>RYB</code>	<code>29, 70, 236</code>
Decimal	<code>1921260</code>
CIELab	<code>41.30, 42.85, -82.20</code>
CIELCh	<code>41, 92.703, 297.533</code>
Yxy	<code>12.0547, 0.1664, 0.1083</code>
Android ( <code>android.graphics.Color</code> )	<code>4280111340 (0xFF1D50EC)</code>
YUV	<code>82.5350, 75.6582, -46.9502</code>
Hunter-Lab	<code>34.7198, 34.4323, -113.5184</code>

# Details

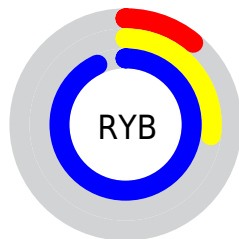
The Hex color **1D50EC** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **ECB91D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7581FF**, and **0024B3** is the 20% darker color. If you saturate the color by 10%, you get **053EEC**, and if you desaturate by 10%, it is **3562EC**.

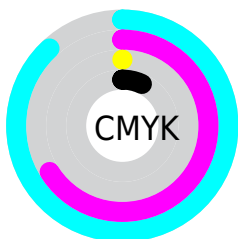
# Distribution



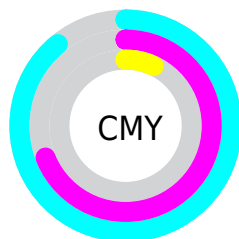
- Red (11%)
- Green (31%)
- Blue (93%)



- Red (11%)
- Yellow (27%)
- Blue (93%)



- Cyan (88%)
- Magenta (66%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (69%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D50EC 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 1D50EC by changing the saturation by 10% instead.



 1D50EC

 1D50EC

FFFFFF

 0039CF

 7581FF

 0024B3

 969BFF

 001297

 B6B6FF

 00007C

 D5D2FF

 000C62

 F5EEFF

 000949

 000432

 00011C

 000000

■ 1D50EC

■ 1D50EC

■ 053EEC

■ 3562EC

■ 003AEC

■ 4C74EC

■ 6485EC

■ 7B97EC

■ 93A9EC

■ ABBBEC

■ C2CCEC

■ DADEEC

■ F1F0EC

# Harmonies

## Analogous

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



006FFE



1D50EC



B100B5

# Triad

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



1D50EC



B43300



007D59

# Complementary

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



1D50EC



ECB91D

# 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.



007900



1D50EC



7D5D00

# Square

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



1D50EC



D70022



2B7000



007EA7

# Rectangle

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



1D50EC



D30085



2B7000



007C3D



# Sweetspot

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



1D50EC



BDCDFF



1DECB8



586280



000000



808080



# Same Dimension

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



1D50EC



003FFF



511DEC



6A6C75



002DB5



000D36



# Inverse Universe

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



EC1D50



FF003F



B8EC1D



756A6C



B5002D



36000D



# Previews

## White Background



This preview shows how the Hex color 1D50EC looks on a white background.

## Color Contrast Check

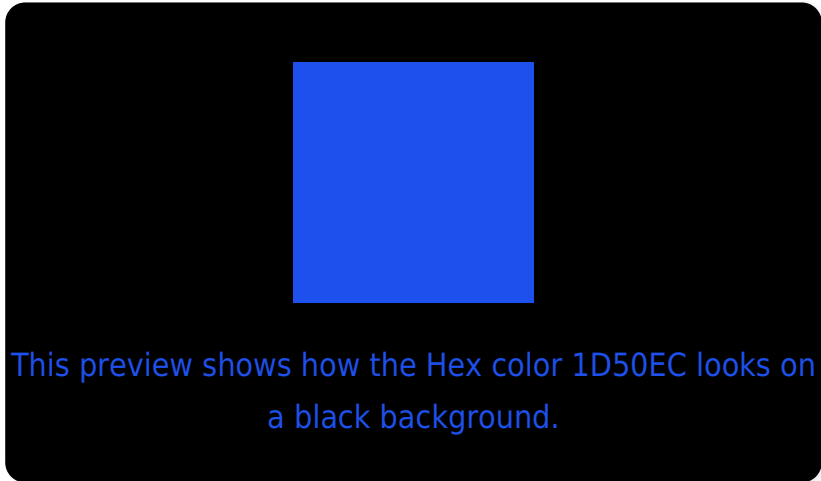
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

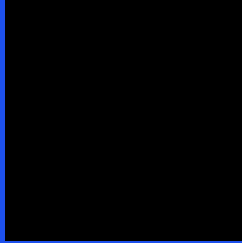
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D50EC Background



This preview shows how black text looks on a background with the Hex color 1D50EC.

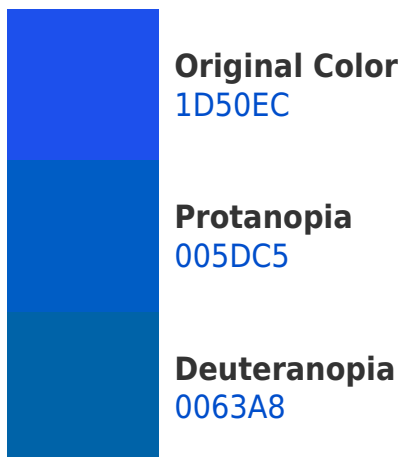


This preview shows how white text looks on a background with the Hex color 1D50EC.

# 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](#).

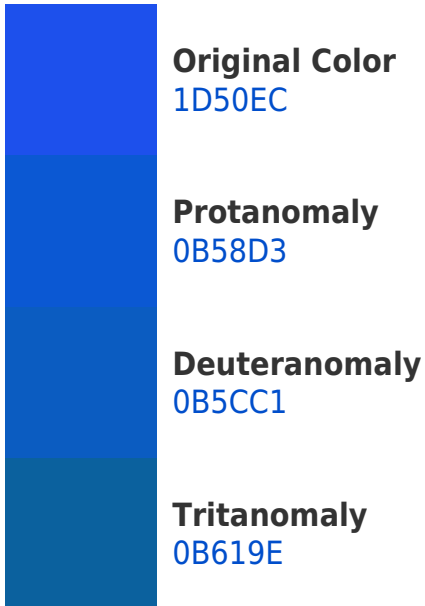
## Dichromacy





**Tritanopia**  
006B71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D50EC 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 #1D50EC looks like.

```
.text, #text, p{  
    color:#1D50EC  
}
```

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 #1D50EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D50EC
}
```

## Border

The CSS property to change the border of an element to Hex 1D50EC 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
#1D50EC }
```

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

```
.border{ border-color:#1D50EC }
```

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

Here you see how a box with a 4 pixel #1D50EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D50EC; -webkit-box-shadow:4px 4px  
4px 4px #1D50EC; box-shadow:4px 4px 4px  
4px #1D50EC }
```

# Background

The CSS property to change the background color of an element to Hex 1D50EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D50EC }
```

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

```
.background{ background-color:#1D50EC }
```

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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