

# Converting Colors

Hex(1D63E9)

Have a look what the booklet for  
Hex(1D63E9) contains.

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# Color

**Hex(1D63E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D63E9
RGB	29, 99, 233
RGB Percent	11%, 39%, 91%
CMY	0.8863, 0.6118, 0.0863
CMYK	0.88, 0.58, 0.00, 0.09
HSL	219°, 82%, 51%
HSV	219°, 88%, 91%
XYZ	19.6765, 15.0681, 78.9622
YIQ	93.3460, -84.7340, 26.8340

# Conversions

## Conversions Part 2

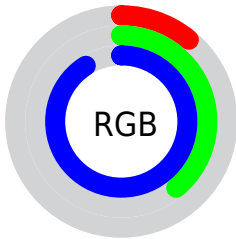
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 81, 233
Decimal	1926121
CIE <sub>Lab</sub>	45.73, 29.72, -73.26
CIE <sub>LCh</sub>	46, 79.058, 292.079
Yxy	15.0681, 0.1730, 0.1325
Android (android.graphics.Color)	4280116201 (0xFF1D63E9)
YUV	93.3460, 68.8494, -56.4314
Hunter-Lab	38.8176, 22.5502, -93.4344

# Details

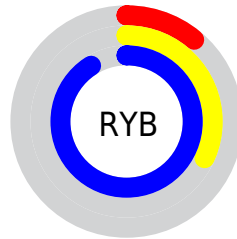
The Hex color **1D63E9** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E9A31D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7295FF**, and **0036B0** is the 20% darker color. If you saturate the color by 10%, you get **0654E9**, and if you desaturate by 10%, it is **3472E9**.

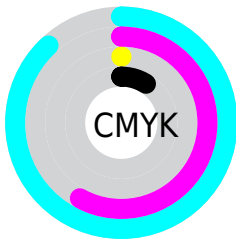
# Distribution



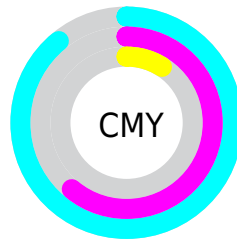
- Red (11%)
- Green (39%)
- Blue (91%)



- Red (11%)
- Yellow (32%)
- Blue (91%)



- Cyan (88%)
- Magenta (58%)
- Yellow (0%)
- Black (9%)



- Cyan (89%)
- Magenta (61%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D63E9 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 1D63E9 by changing the saturation by 10% instead.



 1D63E9

 1D63E9

FFFFFF

 004CCC

 7295FF

 0036B0

 93B0FF

 002295

 B3CBFF

 00117A

 D2E7FF

 000660

 F1FFFF

 000847

 000430

 00011A

 000000

■ 1D63E9

■ 1D63E9

■ 0654E9

■ 3472E9

■ 0050E9

■ 4C82E9

■ 6391E9

■ 7AA0E9

■ 92B0E9

■ A9BFE9

■ C0CEE9

■ D7DDE9

■ EFEDE9

# Harmonies

## Analogous

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



007AF1



1D63E9



A73ABF

# Triad

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



1D63E9



C14100



008658

# Complementary

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



1D63E9



E9A31D

# 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.



008202



1D63E9



936400

# Square

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



1D63E9



DA0040



557700



00879D

# Rectangle

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



1D63E9



CB0897



557700



008540



# Sweetspot

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



1D63E9



BDD3FF



1DE9A2



586680



000000



808080



# Same Dimension

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



1D63E9



0058FF



3C1DE9



6A6E75



003EB5



001236



# Inverse Universe

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



E91D63



FF0058



CAE91D



756A6E



B5003E



360012



# Previews

## White Background



This preview shows how the Hex color 1D63E9 looks on a white background.

## Color Contrast Check

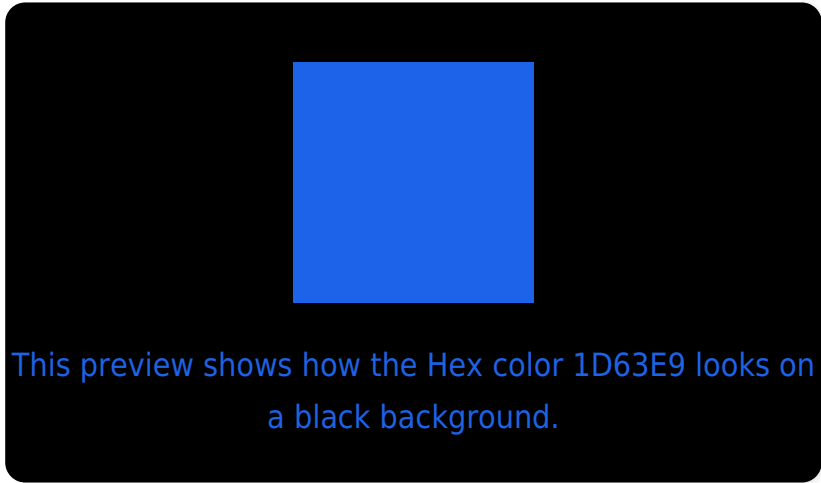
Large Text (above 18pt) WCAG AA ✓ Pass

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

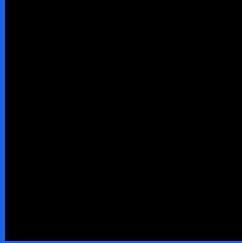
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

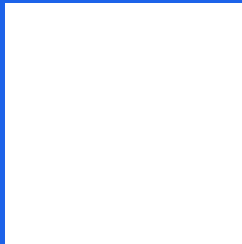
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D63E9 Background



This preview shows how black text looks on a background with the Hex color 1D63E9.



This preview shows how white text looks on a background with the Hex color 1D63E9.

# 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**  
00777F

# Trichromacy



**Original Color**  
1D63E9

**Protanomaly**  
0B66E1

**Deuteranomaly**  
0B6ACD

**Tritanomaly**  
0B70A6

# Monochromacy



**Original Color**  
1D63E9

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
465F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D63E9 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 #1D63E9 looks like.

```
.text, #text, p{  
    color:#1D63E9  
}
```

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 #1D63E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D63E9
}
```

## Border

The CSS property to change the border of an element to Hex 1D63E9 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
#1D63E9 }
```

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

```
.border{ border-color:#1D63E9 }
```

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

Here you see how a box with a 4 pixel #1D63E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D63E9; -webkit-box-shadow:4px 4px  
4px 4px #1D63E9; box-shadow:4px 4px 4px  
4px #1D63E9 }
```

# Background

The CSS property to change the background color of an element to Hex 1D63E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D63E9 }
```

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

```
.background{ background-color:#1D63E9 }
```

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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