

# Converting Colors

Hex(1D67ED)

Have a look what the booklet for  
Hex(1D67ED) contains.

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# Color

**Hex(1D67ED)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1D67ED
RGB	29, 103, 237
RGB Percent	11%, 40%, 93%
CMY	0.8863, 0.5961, 0.0706
CMYK	0.88, 0.57, 0.00, 0.07
HSL	219°, 85%, 52%
HSV	219°, 88%, 93%
XYZ	20.6430, 16.0761, 82.1358
YIQ	96.1500, -87.1180, 25.9860

# Conversions

## Conversions Part 2

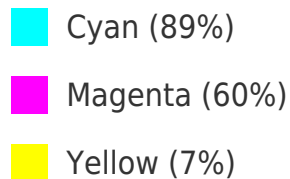
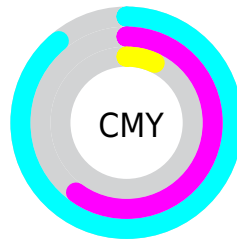
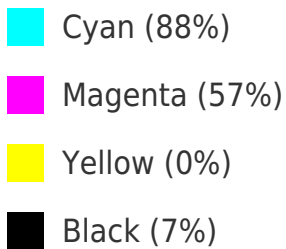
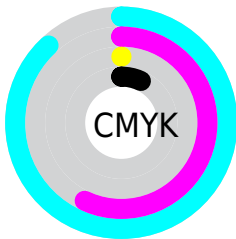
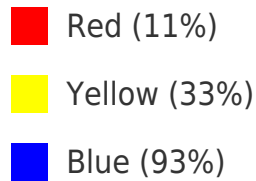
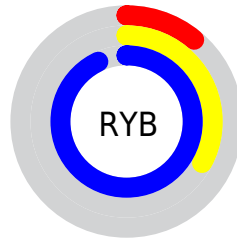
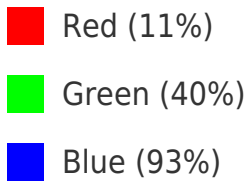
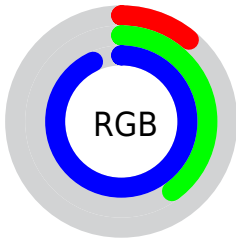
Format	Color
<a href="#">RYB</a>	<a href="#">29, 84, 237</a>
Decimal	<a href="#">1927149</a>
CIELab	<a href="#">47.07, 28.68, -73.31</a>
CIELCh	<a href="#">47, 78.723, 291.363</a>
Yxy	<a href="#">16.0761, 0.1737, 0.1353</a>
Android (android.graphics.Color)	<a href="#">4280117229</a> (0xFF1D67ED)
YUV	<a href="#">96.1500, 69.4390, -58.8906</a>
Hunter-Lab	<a href="#">40.0951, 21.7347, -93.3906</a>

# Details

The Hex color **1D67ED** 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 **EDA31D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7399FF**, and **003AB4** is the 20% darker color. If you saturate the color by 10%, you get **0558ED**, and if you desaturate by 10%, it is **3576ED**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 1D67ED 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 1D67ED by changing the saturation by 10% instead.

 1D67ED

 1D67ED

FFFFFF

 0050D0

 7399FF

 003AB4

 94B4FF

 002698

 B4CFFF

 00157E

 D3EBFF

 000464

 F3FFFF

 00094B

 000433

 00021D

 000000

 1D67ED

 1D67ED

 0558ED

 3576ED

 0054ED

 4C86ED

 6495ED

 7CA4ED

 94B3ED

 ABC3ED

 C3D2ED

 DBE1ED

 F2F0ED

# Harmonies

## Analogous

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



007EF5



1D67ED



A940C4

# Triad

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



1D67ED



C54400



008A5A

# Complementary

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



1D67ED



EDA31D

# 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.



008505



1D67ED



986600

# Square

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



1D67ED



DE0544



5B7A00



008B9E

# Rectangle

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



1D67ED



CE179C



5B7A00



008942

# Sweetspot

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



1D67ED



BDD4FF



1DEDA1



586680



000000



808080



# Same Dimension

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



1D67ED



005BFF



391DED



6A6E75



0040B5



001336



# Inverse Universe

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



ED1D67



FF005B



D1ED1D



756A6E



B50040



360013



# Previews

## White Background



This preview shows how the Hex color 1D67ED looks on a white background.

## Color Contrast Check

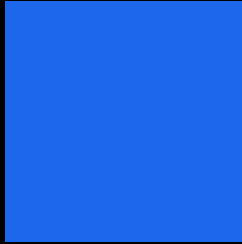
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1D67ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

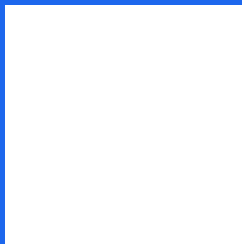
Any Text WCAG AAA × Fail

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

## Hex 1D67ED Background



This preview shows how black text looks on a background with the Hex color 1D67ED.



This preview shows how white text looks on a background with the Hex color 1D67ED.

# 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



**Original Color**  
1D67ED




**Protanopia**  
006BE3

**Deuteranopia**  
0072C3






**Tritanopia**  
007B83

# Trichromacy

	<b>Original Color</b> 1D67ED
	<b>Protanomaly</b> 0B6AE7
	<b>Deuteranomaly</b> 0B6ED2
	<b>Tritanomaly</b> 0B74AA

# Monochromacy

	<b>Original Color</b> 1D67ED
	<b>Achromatopsia</b> 606060
	<b>Achromatomaly</b> 486393

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D67ED 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 #1D67ED looks like.

```
.text, #text, p{  
    color:#1D67ED  
}
```

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 #1D67ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D67ED
}
```

## Border

The CSS property to change the border of an element to Hex 1D67ED 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
#1D67ED }
```

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

```
.border{ border-color:#1D67ED }
```

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

Here you see how a box with a 4 pixel #1D67ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D67ED; -webkit-box-shadow:4px 4px  
4px 4px #1D67ED; box-shadow:4px 4px 4px  
4px #1D67ED }
```

# Background

The CSS property to change the background color of an element to Hex 1D67ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D67ED }
```

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

```
.background{ background-color:#1D67ED }
```

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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