

Converting Colors

Hex(1E09F6)

Have a look what the booklet for
Hex(1E09F6) contains.

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Color

Hex(1E09F6)

Conversions

Conversions Part 1

Format	Color
Hex	1E09F6
RGB	30, 9, 246
RGB Percent	12%, 4%, 96%
CMY	0.8824, 0.9647, 0.0353
CMYK	0.88, 0.96, 0.00, 0.04
HSL	245°, 93%, 50%
HSV	245°, 96%, 96%
XYZ	17.2677, 7.1252, 87.6540
YIQ	42.2970, -63.5610, 78.1590

Conversions

Conversions Part 2

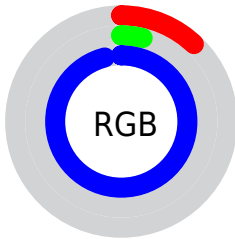
Format	Color
R_{YB}	30, 9, 246
Decimal	1968630
CIE _{Lab}	32.09, 75.90, -103.14
CIE _{LCh}	32, 128.054, 306.349
Yxy	7.1252, 0.1541, 0.0636
Android (android.graphics.Color)	4280158710 (0xFF1E09F6)
YUV	42.2970, 100.4256, -10.7845
Hunter-Lab	26.6931, 68.7580, -176.0095

Details

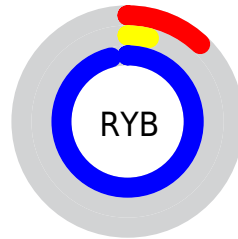
The Hex color **1E09F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **E1F609**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7C4AFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **1600F6**, and if you desaturate by 10%, it is **3422F6**.

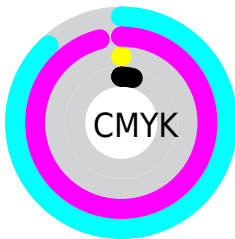
Distribution



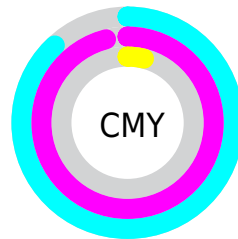
- Red (12%)
- Green (4%)
- Blue (96%)



- Red (12%)
- Yellow (4%)
- Blue (96%)



- Cyan (88%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)



- Cyan (88%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E09F6 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 1E09F6 by changing the saturation by 10% instead.

 1E09F6

 1E09F6

FFFFFF

 0000D9

 7C4AFF

 0000BC

 9F65FF

 0000A0

 C181FF

 000084

 E29CFF

 00116A

 FFB9FF

 000A50

 FFD5FF

 000538

 FFF3FF

 000222

 000008

■ 1E09F6

■ 1E09F6

■ 1600F6

■ 3422F6

■ 4B3AF6

■ 6153F6

■ 786BF6

■ 8E84F6

■ A59DF6

■ BBB5F6

■ D1CEF6

■ E8E6F6

Harmonies

Analogous

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



005CFF



1E09F6



C7009F

Triad

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



1E09F6



991200



006760

Complementary

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



1E09F6



E1F609

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.



006500



1E09F6



4A5000

Square

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



1E09F6



D00000



006000



006BC6

Rectangle

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



1E09F6



E3005D



006000



00663C

Sweetspot

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



1E09F6



BCB5FF



09E2F6



575380



000000



808080

Same Dimension

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



1E09F6



1700FF



9309F6



6F6E7A



1000BA



05003B

Inverse Universe

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



F609E1



FF00E8



6CF609



7A6E79



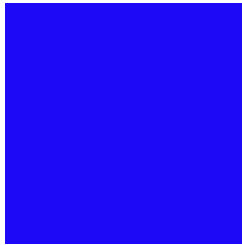
BA00AA



3B0035

Previews

White Background



This preview shows how the Hex color 1E09F6 looks on a white background.

Color Contrast Check

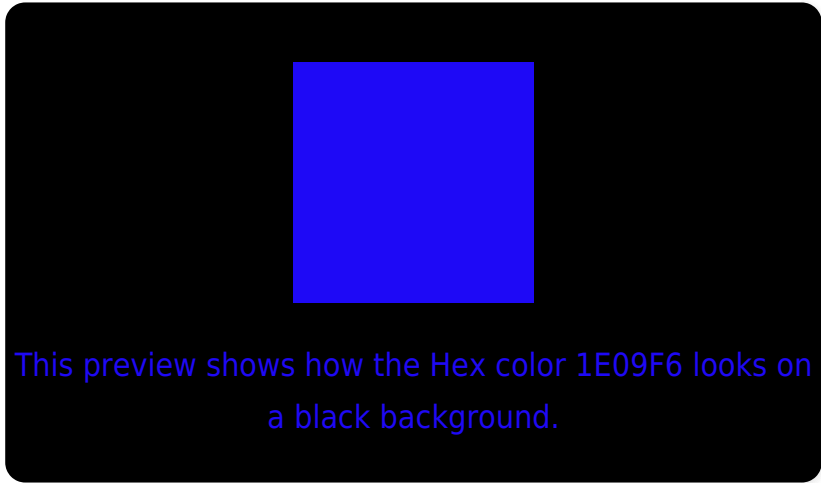
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

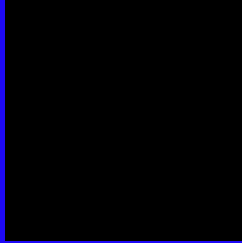
Any Text WCAG AA × Fail

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 1E09F6 Background



This preview shows how black text looks on a background with the Hex color 1E09F6.



This preview shows how white text looks on a background with the Hex color 1E09F6.

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
1E09F6

Protanopia
004999

Deuteranopia
004E82

Trichromacy



Original Color
1E09F6

Protanomaly
0B32BB

Deuteranomaly
0B35AC

Tritanomaly
0B3991

Monochromacy



Original Color
1E09F6

Achromatopsia
2A2A2A

Achromatomaly
261E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E09F6 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 #1E09F6 looks like.

```
.text, #text, p{  
    color:#1E09F6  
}
```

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 #1E09F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E09F6
}
```

Border

The CSS property to change the border of an element to Hex 1E09F6 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
#1E09F6 }
```

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

```
.border{ border-color:#1E09F6 }
```

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

Here you see how a box with a 4 pixel #1E09F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E09F6; -webkit-box-shadow:4px 4px  
4px 4px #1E09F6; box-shadow:4px 4px 4px  
4px #1E09F6 }
```

Background

The CSS property to change the background color of an element to Hex 1E09F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E09F6 }
```

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

```
.background{ background-color:#1E09F6 }
```

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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