

Converting Colors

Hex(1B45F2)

Have a look what the booklet for
Hex(1B45F2) contains.

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Color

Hex(1B45F2)

Conversions

Conversions Part 1

Format	Color
Hex	1B45F2
RGB	27, 69, 242
RGB Percent	11%, 27%, 95%
CMY	0.8941, 0.7294, 0.0510
CMYK	0.89, 0.71, 0.00, 0.05
HSL	228°, 89%, 53%
HSV	228°, 89%, 95%
XYZ	18.6071, 10.9001, 85.1276
YIQ	76.1640, -80.5650, 44.8990

Conversions

Conversions Part 2

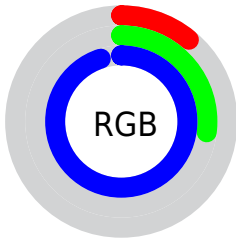
Format	Color
R _Y B	27, 62, 242
Decimal	1787378
CIE Lab	39.41, 51.48, -88.71
CIE LCh	39, 102.566, 300.128
Yxy	10.9001, 0.1623, 0.0951
Android (android.graphics.Color)	4279977458 (0xFF1B45F2)
YUV	76.1640, 81.7571, -43.1168
Hunter-Lab	33.0152, 42.8245, -129.7647

Details

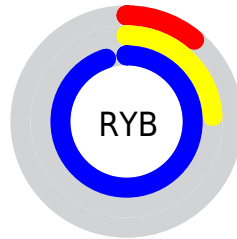
The Hex color **1B45F2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F2C81B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7776FF**, and **0019B8** is the 20% darker color. If you saturate the color by 10%, you get **0332F2**, and if you desaturate by 10%, it is **3358F2**.

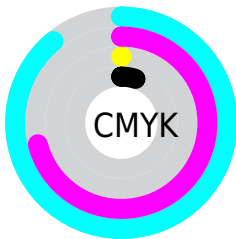
Distribution



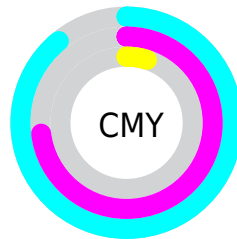
- Red (11%)
- Green (27%)
- Blue (95%)



- Red (11%)
- Yellow (24%)
- Blue (95%)



- Cyan (89%)
- Magenta (71%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (73%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B45F2 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 1B45F2 by changing the saturation by 10% instead.

 1B45F2

 1B45F2

FFFFFF

 002ED5

 7776FF

 0019B8

 9890FF

 00079C

 B9ABFF

 000081

 D9C6FF

 000D67

 F9E2FF

 000A4E

 000536

 000220

 000004

■ 1B45F2

■ 1B45F2

■ 0332F2

■ 3358F2

■ 002FF2

■ 4B6CF2

■ 647FF2

■ 7C93F2

■ 94A6F2

■ ACBAF2

■ C4CDF2

■ DDE1F2

■ F5F4F2

Harmonies

Analogous

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



006BFF



1B45F2



B900B2

Triad

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



1B45F2



B02C00



00795B

Complementary

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



1B45F2



F2C81B

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.



007600



1B45F2



725B00

Square

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



1B45F2



D9000F



006E00



007BB0

Rectangle

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



1B45F2



DA007C



006E00



00783D

Sweetspot

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



1B45F2



BAC8FF



1BF2C7



575F80



000000



808080

Same Dimension

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



1B45F2



0032FF



5B1BF2



6C6E78



0024B8



000B38

Inverse Universe

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



F21B45



FF0032



B1F21B



786C6E



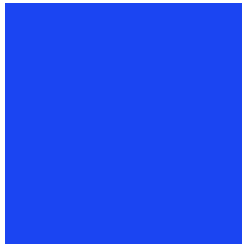
B80024



38000B

Previews

White Background



This preview shows how the Hex color 1B45F2 looks on a white background.

Color Contrast Check

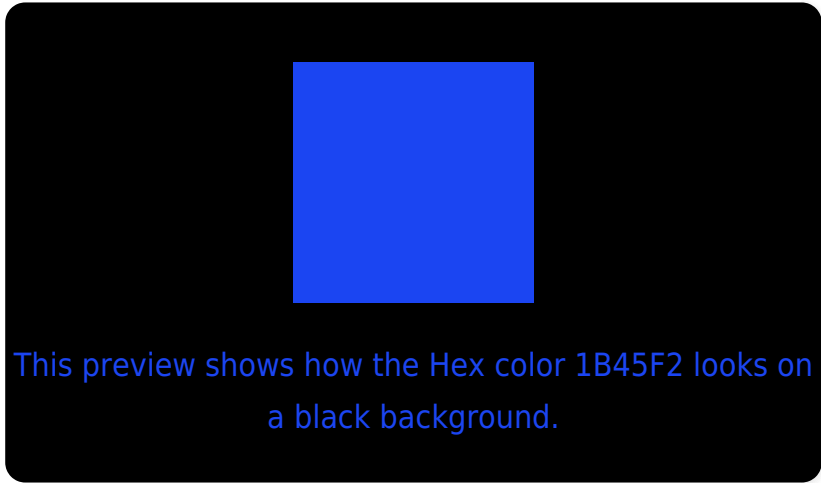
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B45F2 Background



This preview shows how black text looks on a background with the Hex color 1B45F2.



This preview shows how white text looks on a background with the Hex color 1B45F2.

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
00666C

Trichromacy



Original Color
1B45F2

Protanomaly
0A52CF

Deuteranomaly
0A56BD

Tritanomaly
0A5A9D

Monochromacy



Original Color
1B45F2

Achromatopsia
4C4C4C

Achromatomaly
3A4988

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B45F2 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 #1B45F2 looks like.

```
.text, #text, p{  
    color:#1B45F2  
}
```

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 #1B45F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B45F2
}
```

Border

The CSS property to change the border of an element to Hex 1B45F2 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
#1B45F2 }
```

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

```
.border{ border-color:#1B45F2 }
```

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

Here you see how a box with a 4 pixel #1B45F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B45F2; -webkit-box-shadow:4px 4px  
4px 4px #1B45F2; box-shadow:4px 4px 4px  
4px #1B45F2 }
```

Background

The CSS property to change the background color of an element to Hex 1B45F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B45F2 }
```

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

```
.background{ background-color:#1B45F2 }
```

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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