

Converting Colors

Hex(172FB9)

Have a look what the booklet for
Hex(172FB9) contains.

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Color

Hex(172FB9)

Conversions

Conversions Part 1

Format	Color
Hex	172FB9
RGB	23, 47, 185
RGB Percent	9%, 18%, 73%
CMY	0.9098, 0.8157, 0.2745
CMYK	0.88, 0.75, 0.00, 0.27
HSL	231°, 78%, 41%
HSV	231°, 88%, 73%
XYZ	10.1268, 5.7180, 46.4689
YIQ	55.5560, -58.6020, 37.8300

Conversions

Conversions Part 2

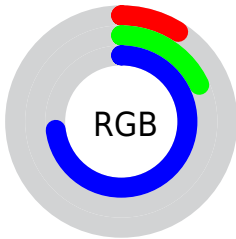
Format	Color
R_YB	23, 44, 185
Decimal	1519545
CIE _{Lab}	28.69, 44.41, -73.53
CIE _{LCh}	29, 85.899, 301.131
Yxy	5.7180, 0.1625, 0.0918
Android (android.graphics.Color)	4279709625 (0xFF172FB9)
YUV	55.5560, 63.8159, -28.5516
Hunter-Lab	23.9123, 33.7480, -98.4800

Details

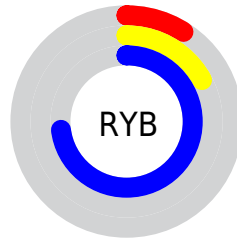
The Hex color **172FB9** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B9A117**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **675EF2**, and **000582** is the 20% darker color. If you saturate the color by 10%, you get **041FB9**, and if you desaturate by 10%, it is **2A3FB9**.

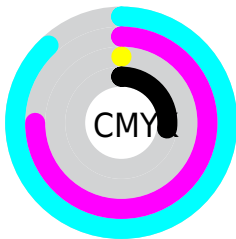
Distribution



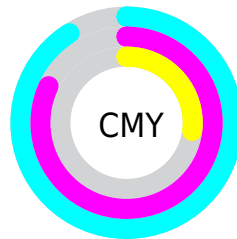
- Red (9%)
- Green (18%)
- Blue (73%)



- Red (9%)
- Yellow (17%)
- Blue (73%)



- Cyan (88%)
- Magenta (75%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172FB9 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 172FB9 by changing the saturation by 10% instead.

■ 172FB9

■ 172FB9

FFFFFF

■ 00199D

■ 675EF2

■ 000582

■ 8677FF

■ 000068

■ A591FF

■ 000A4F

■ C3ACFF

■ 000537

■ E2C7FF

■ 000221

■ FFE4FF

■ 000006

■ 000000

■ 172FB9

■ 172FB9

■ 041FB9

■ 2A3FB9

■ 001BB9

■ 3C4FB9

■ 4E5EB9

■ 616EB9

■ 747EB9

■ 868EB9

■ 999DB9

■ ABADB9

■ BDBDB9

Harmonies

Analogous

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



004FCD



172FB9



8F0085

Triad

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



172FB9



831E00



005945

Complementary

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



172FB9



B9A117

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.



005700



172FB9



524300

Square

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



172FB9



A50000



005100



005B88

Rectangle

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



172FB9



A7005A



005100



00592D

Sweetspot

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



172FB9



B1BBF0



17B9A1



535878



F7F7F7



787878

Same Dimension

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



172FB9



0024F0



5017B9



53545C



00179C



00041C

Inverse Universe

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



B9172F



F00024



80B917



5C5354



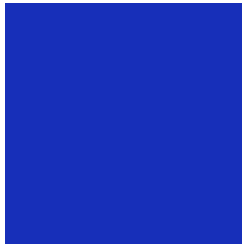
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 172FB9 looks on a white background.

Color Contrast Check

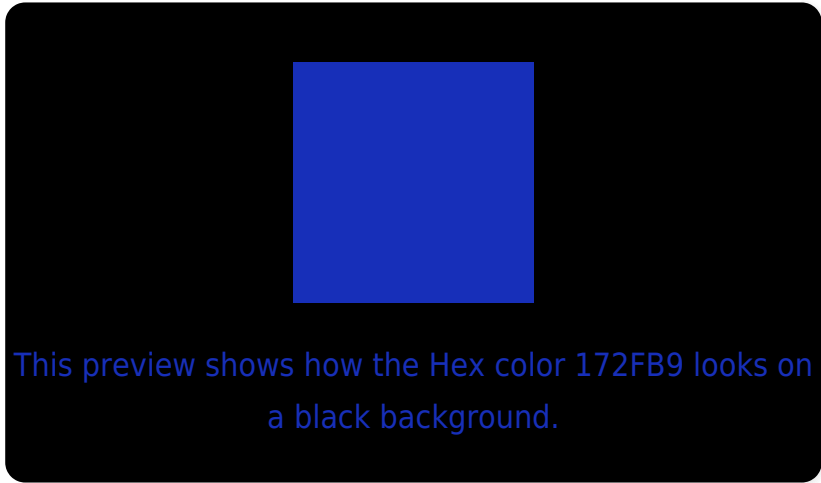
Large Text (above 18pt) WCAG AA ✓ Pass

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

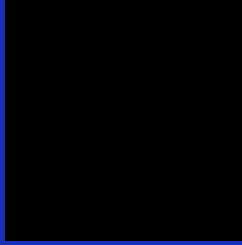
Any Text WCAG AA × Fail

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 172FB9 Background



This preview shows how black text looks on a background with the Hex color 172FB9.



This preview shows how white text looks on a background with the Hex color 172FB9.

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
172FB9

Protanopia
004189

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color
172FB9

Protanomaly
083A9A

Deuteranomaly
083E8E

Tritanomaly
084176

Monochromacy



Original Color
172FB9

Achromatopsia
383838

Achromatomaly
2C3567

CSS Examples

Text

The CSS property to change the color of the text to Hex 172FB9 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 #172FB9 looks like.

```
.text, #text, p{  
    color:#172FB9  
}
```

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 #172FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172FB9
}
```

Border

The CSS property to change the border of an element to Hex 172FB9 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
#172FB9 }
```

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

```
.border{ border-color:#172FB9 }
```

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

Here you see how a box with a 4 pixel #172FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172FB9; -webkit-box-shadow:4px 4px  
4px 4px #172FB9; box-shadow:4px 4px 4px  
4px #172FB9 }
```

Background

The CSS property to change the background color of an element to Hex 172FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172FB9 }
```

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

```
.background{ background-color:#172FB9 }
```

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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