

# Converting Colors

Hex(152FB4)

Have a look what the booklet for  
Hex(152FB4) contains.

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# Color

Hex(152FB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	152FB4
RGB	21, 47, 180
RGB Percent	8%, 18%, 71%
CMY	0.9176, 0.8157, 0.2941
CMYK	0.88, 0.74, 0.00, 0.29
HSL	230°, 79%, 39%
HSV	230°, 88%, 71%
XYZ	9.5640, 5.4877, 43.7352
YIQ	54.3880, -58.1890, 35.8510

# Conversions

## Conversions Part 2

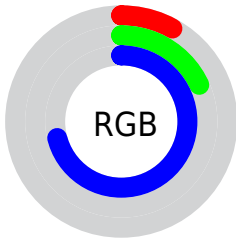
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 43, 180
Decimal	1388468
CIE <sub>Lab</sub>	28.08, 42.55, -71.56
CIE <sub>LCh</sub>	28, 83.260, 300.737
Yxy	5.4877, 0.1627, 0.0933
Android (android.graphics.Color)	4279578548 (0xFF152FB4)
<b>YUV</b>	54.3880, 61.9267, -29.2813
Hunter-Lab	23.4259, 31.8799, -94.2936

# Details

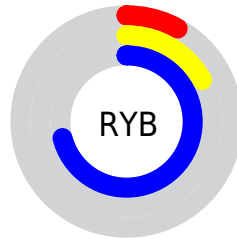
The Hex color **152FB4** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B49A15**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **655EED**, and **00067E** is the 20% darker color. If you saturate the color by 10%, you get **0320B4**, and if you desaturate by 10%, it is **273EB4**.

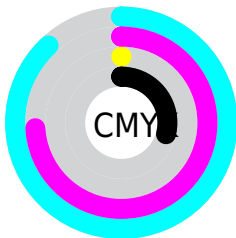
# Distribution



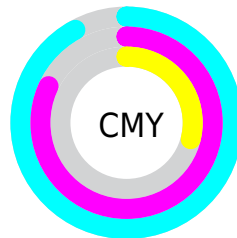
- Red (8%)
- Green (18%)
- Blue (71%)



- Red (8%)
- Yellow (17%)
- Blue (71%)



- Cyan (88%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (92%)
- Magenta (82%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 152FB4 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 152FB4 by changing the saturation by 10% instead.



■ 152FB4

■ 152FB4

FFFFFF

■ 001998

■ 655EED

■ 00067E

■ 8477FF

■ 000064

■ A291FF

■ 00094B

■ C0ACFF

■ 000433

■ DFC7FF

■ 00021D

■ FDE3FF

■ 000000

■ 152FB4

■ 152FB4

■ 0320B4

■ 273EB4

001DB4

394DB4

4B5CB4

5D6BB4

6F7AB4

8189B4

9398B4

A5A7B4

B7B7B4

# Harmonies

## Analogous

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



004DC7



152FB4



8A0083

# Triad

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



152FB4



811D00



005842

# Complementary

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



152FB4



B49A15

# 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.



005500



152FB4



514100

# Square

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



152FB4



A10002



005000



005984

# Rectangle

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



152FB4



A30059



005000



00572B



# Sweetspot

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



152FB4



ABB6EB



15B499



505675



F5F5F5



757575



# Same Dimension

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



152FB4



0026EB



4A15B4



505259



001999



00041A



# Inverse Universe

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



B4152F



EB0026



7FB415



595052



990019

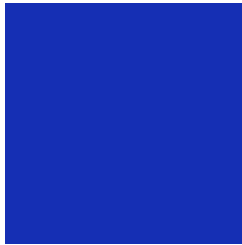


1A0004



# Previews

## White Background



This preview shows how the Hex color 152FB4 looks on a white background.

## Color Contrast Check

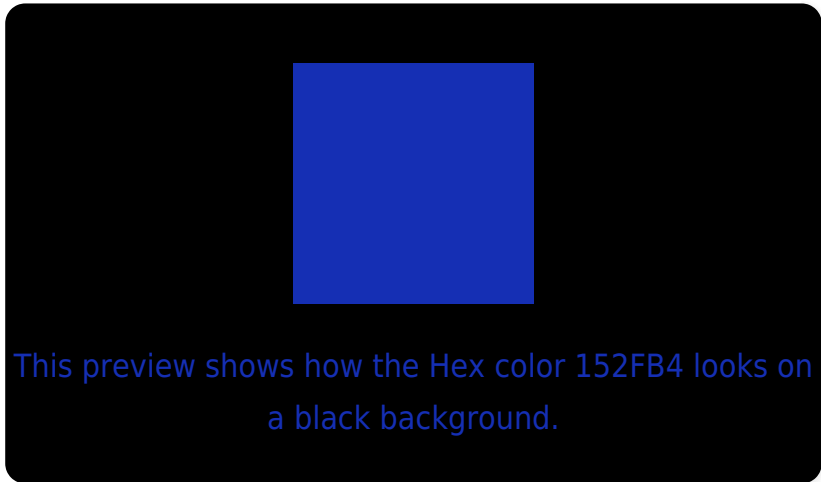
Large Text (above 18pt) WCAG AA ✓ Pass

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

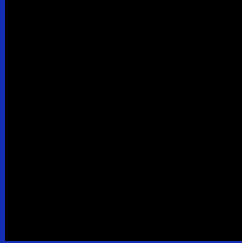
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 152FB4 Background



This preview shows how black text looks on a background with the Hex color 152FB4.



This preview shows how white text looks on a background with the Hex color 152FB4.

# 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**  
152FB4

**Protanopia**  
004087

**Deuteranopia**  
004472



**Tritanopia**  
004A4D

# Trichromacy



**Original Color**  
152FB4

**Protanomaly**  
083A97

**Deuteranomaly**  
083C8A

**Tritanomaly**  
084072

# Monochromacy



**Original Color**  
152FB4

**Achromatopsia**  
363636

**Achromatomaly**  
2A3364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 152FB4 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 #152FB4 looks like.

```
.text, #text, p{  
    color:#152FB4  
}
```

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 #152FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #152FB4
}
```

## Border

The CSS property to change the border of an element to Hex 152FB4 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
#152FB4 }
```

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

```
.border{ border-color:#152FB4 }
```

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

Here you see how a box with a 4 pixel #152FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #152FB4; -webkit-box-shadow:4px 4px  
4px 4px #152FB4; box-shadow:4px 4px 4px  
4px #152FB4 }
```

# Background

The CSS property to change the background color of an element to Hex 152FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#152FB4 }
```

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

```
.background{ background-color:#152FB4 }
```

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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