

# Converting Colors

Hex(142BFA)

Have a look what the booklet for  
Hex(142BFA) contains.

<b>Hex(142BFA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(142BFA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	142BFA
RGB	20, 43, 250
RGB Percent	8%, 17%, 98%
CMY	0.9216, 0.8314, 0.0196
CMYK	0.92, 0.83, 0.00, 0.02
HSL	234°, 96%, 53%
HSV	234°, 92%, 98%
XYZ	18.4077, 8.7786, 91.1667
YIQ	59.7210, -80.1550, 59.5010

# Conversions

## Conversions Part 2

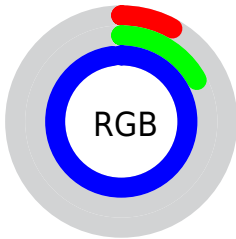
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 41, 250
Decimal	1321978
CIE <sub>Lab</sub>	35.55, 67.07, -99.62
CIE <sub>LCh</sub>	36, 120.090, 303.950
Yxy	8.7786, 0.1555, 0.0742
Android (android.graphics.Color)	4279512058 (0xFF142BFA)
YUV	59.7210, 93.8075, -34.8353
Hunter-Lab	29.6287, 59.0480, -161.6936

# Details

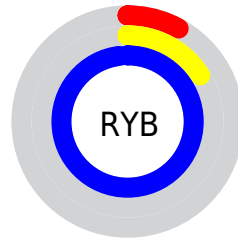
The Hex color **142BFA** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **FAE314**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **795EFF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **0019FA**, and if you desaturate by 10%, it is **2D41FA**.

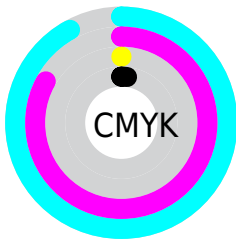
# Distribution



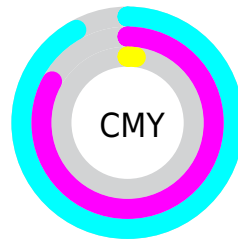
- Red (8%)
- Green (17%)
- Blue (98%)



- Red (8%)
- Yellow (16%)
- Blue (98%)



- Cyan (92%)
- Magenta (83%)
- Yellow (0%)
- Black (2%)



- Cyan (92%)
- Magenta (83%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142BFA 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 142BFA by changing the saturation by 10% instead.



 142BFA

 142BFA

FFFFFF

 000FDD

 795EFF

 0000C0

 9C79FF

 0000A3

 BD93FF

 000088

 DEAFFF

 000F6D

 FFCBFF

 000B54

 FFE8FF

 00063C

 000225

 00010E

■ 142BFA

■ 142BFA

■ 0019FA

■ 2D41FA

■ 4658FA

■ 5F6EFA

■ 7885FA

■ 919BFA

■ AAB2FA

■ C3C8FA

■ DCDFFA

■ F5F5FA

# Harmonies

## Analogous

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



0063FF



142BFA



C500AB

# Triad

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



142BFA



A51C00



00705F

# Complementary

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



142BFA



FAE314

# 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.



006D00



142BFA



5C5600

# Square

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



142BFA



D80000



006800



0073C0

# Rectangle

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



142BFA



E4006C



006800



006F3D



# Sweetspot

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



142BFA



B8BFFF



14FAE3



545880



000000



808080



# Same Dimension

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



142BFA



0019FF



7014FA



70727D



0013BD



00063D



# Inverse Universe

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



FA142B



FF001A



9EFA14



7D7072



BD0013

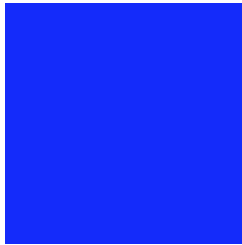


3D0006



# Previews

## White Background



This preview shows how the Hex color 142BFA looks on a white background.

## Color Contrast Check

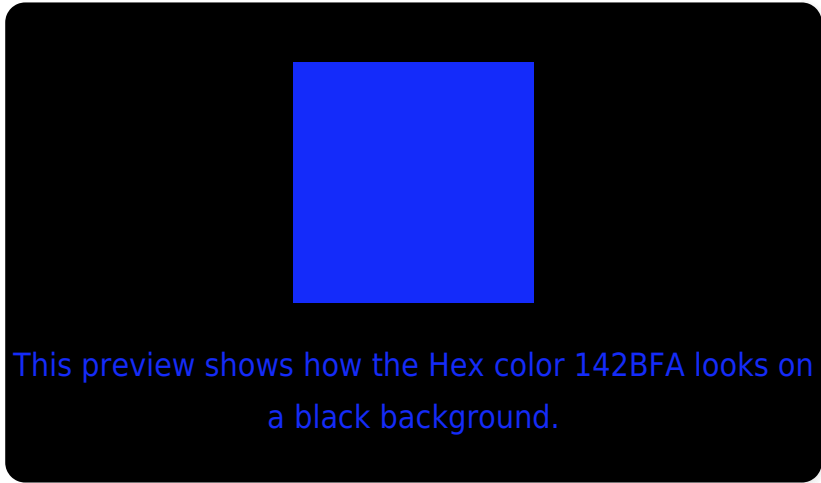
Large Text (above 18pt) WCAG AA ✓ Pass

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

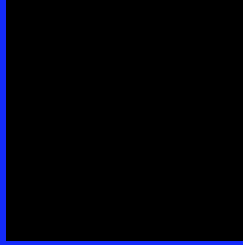
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 142BFA Background



This preview shows how black text looks on a background with the Hex color 142BFA.

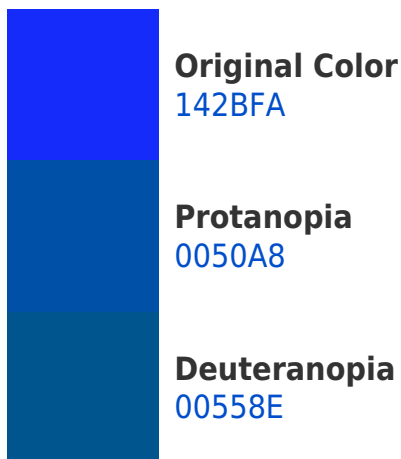


This preview shows how white text looks on a background with the Hex color 142BFA.

# 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**  
005C60

# Trichromacy



**Original Color**  
142BFA

**Protanomaly**  
0743C6

**Deuteranomaly**  
0746B5

**Tritanomaly**  
074A98

# Monochromacy



**Original Color**  
142BFA

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2D3681

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142BFA 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 #142BFA looks like.

```
.text, #text, p{  
    color:#142BFA  
}
```

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 #142BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142BFA
}
```

## Border

The CSS property to change the border of an element to Hex 142BFA 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
#142BFA }
```

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

```
.border{ border-color:#142BFA }
```

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

Here you see how a box with a 4 pixel #142BFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142BFA; -webkit-box-shadow:4px 4px  
4px 4px #142BFA; box-shadow:4px 4px 4px  
4px #142BFA }
```

# Background

The CSS property to change the background color of an element to Hex 142BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142BFA }
```

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

```
.background{ background-color:#142BFA }
```

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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