

# Converting Colors

Hex(132FBB)

Have a look what the booklet for  
Hex(132FBB) contains.

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# Color

**Hex(132FBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	132FBB
RGB	19, 47, 187
RGB Percent	7%, 18%, 73%
CMY	0.9255, 0.8157, 0.2667
CMYK	0.90, 0.75, 0.00, 0.27
HSL	230°, 82%, 40%
HSV	230°, 90%, 73%
XYZ	10.2547, 5.7593, 47.5849
YIQ	54.5880, -61.6280, 37.6040

# Conversions

## Conversions Part 2

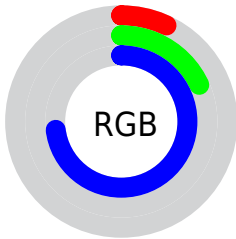
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 43, 187
Decimal	1257403
CIELab	28.80, 44.94, -74.54
CIElCh	29, 87.038, 301.086
Yxy	5.7593, 0.1612, 0.0906
Android (android.graphics.Color)	4279447483 (0xFF132FBB)
YUV	54.5880, 65.2791, -31.2107
Hunter-Lab	23.9986, 34.2763, -100.7623

# Details

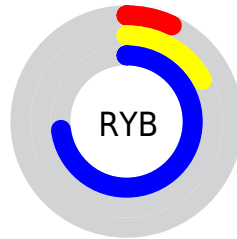
The Hex color **132FBB** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BB9F13**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **665EF4**, and **000584** is the 20% darker color. If you saturate the color by 10%, you get **001FBB**, and if you desaturate by 10%, it is **263FBB**.

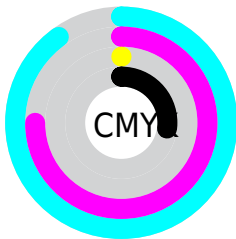
# Distribution



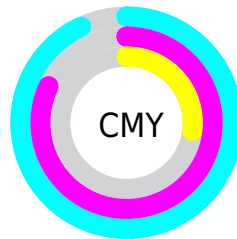
- Red (7%)
- Green (18%)
- Blue (73%)



- Red (7%)
- Yellow (17%)
- Blue (73%)



- Cyan (90%)
- Magenta (75%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (82%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 132FBB 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 132FBB by changing the saturation by 10% instead.



 132FBB

 132FBB

FFFFFF

 00199F

 665EF4

 000584

 8677FF

 00006A

 A491FF

 000B51

 C3ACFF

 000539

 E2C8FF

 000222

 FFE4FF

 000009

 000000

 132FBB

 132FBB

001FBB

263FBB

384EBB

4B5EBB

5E6DBB

707DBB

838CBB

969CBB

A9ACBB

BBBBBB

# Harmonies

## Analogous

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



004FD0



132FBB



900087

# Triad

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



132FBB



841D00



005A45

# Complementary

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



132FBB



BB9F13

# 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.



005800



132FBB



524300

# Square

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



132FBB



A60000



005200



005C89

# Rectangle

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



132FBB



A9005B



005200



00592D



# Sweetspot

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



132FBB



B1BCF2



13BB9F



535A7A



FAFAFA



7A7A7A



# Same Dimension

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



132FBB



0028F2



4B13BB



55565E



001A9E



00051F



# Inverse Universe

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



BB132F



F20028



83BB13



5E5556



9E001A

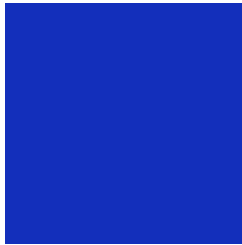


1F0005



# Previews

## White Background



This preview shows how the Hex color 132FBB looks on a white background.

## Color Contrast Check

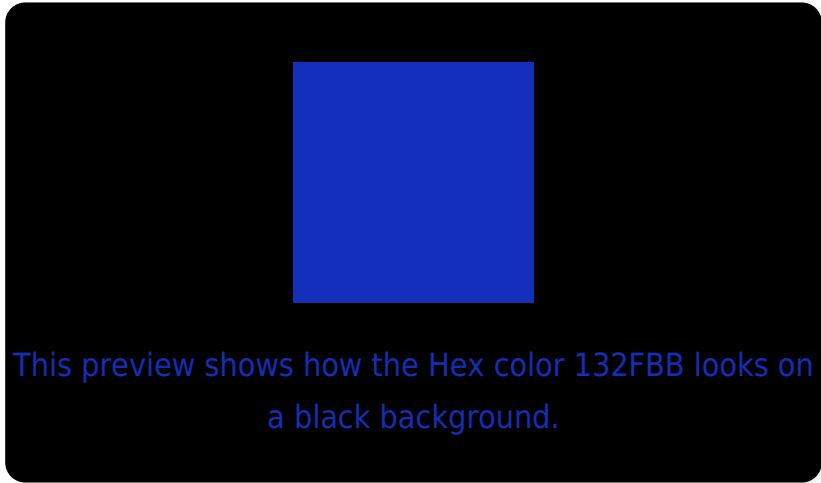
Large Text (above 18pt) WCAG AA ✓ Pass

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

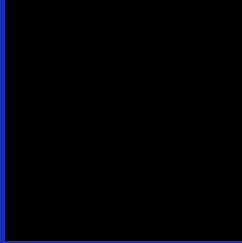
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 132FBB Background



This preview shows how black text looks on a background with the Hex color 132FBB.



This preview shows how white text looks on a background with the Hex color 132FBB.

# 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**  
132FBB

**Protanopia**  
00418A

**Deuteranopia**  
004675



**Tritanopia**  
004B4F

# Trichromacy



**Original Color**  
132FBB

**Protanomaly**  
073A9C

**Deuteranomaly**  
073E8E

**Tritanomaly**  
074176

# Monochromacy



**Original Color**  
132FBB

**Achromatopsia**  
373737

**Achromatomaly**  
2A3467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 132FBB 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 #132FBB looks like.

```
.text, #text, p{  
    color:#132FBB  
}
```

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 #132FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132FBB
}
```

## Border

The CSS property to change the border of an element to Hex 132FBB 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
#132FBB }
```

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

```
.border{ border-color:#132FBB }
```

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

Here you see how a box with a 4 pixel #132FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132FBB; -webkit-box-shadow:4px 4px  
4px 4px #132FBB; box-shadow:4px 4px 4px  
4px #132FBB }
```

# Background

The CSS property to change the background color of an element to Hex 132FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132FBB }
```

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

```
.background{ background-color:#132FBB }
```

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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