

Converting Colors

Hex(142DEB)

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

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

Color

Hex(142DEB)

Conversions

Conversions Part 1

Format	Color
Hex	142DEB
RGB	20, 45, 235
RGB Percent	8%, 18%, 92%
CMY	0.9216, 0.8235, 0.0784
CMYK	0.91, 0.81, 0.00, 0.08
HSL	233°, 84%, 50%
HSV	233°, 91%, 92%
XYZ	16.2223, 8.0237, 79.2910
YIQ	59.1850, -75.8900, 53.7900

Conversions

Conversions Part 2

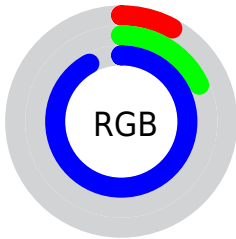
Format	Color
RYB	20, 42, 235
Decimal	1322475
CIELab	34.03, 61.69, -93.67
CIELCh	34, 112.165, 303.369
Yxy	8.0237, 0.1567, 0.0775
Android (android.graphics.Color)	4279512555 (0xFF142DEB)
YUV	59.1850, 86.6768, -34.3652
Hunter-Lab	28.3261, 52.6560, -146.1378

Details

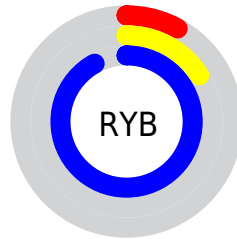
The Hex color **142DEB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EBD214**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **755FFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **001BEB**, and if you desaturate by 10%, it is **2C42EB**.

Distribution



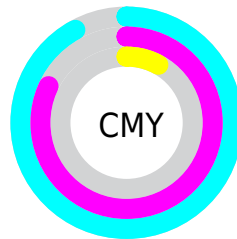
- Red (8%)
- Green (18%)
- Blue (92%)



- Red (8%)
- Yellow (16%)
- Blue (92%)



- Cyan (91%)
- Magenta (81%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (82%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 142DEB

 142DEB

FFFFFF

 0013CE

 755FFF

 0000B1

 9779FF

 000096

 B893FF

 00007B

 D8AFFF

 000F61

 F8CBFF

 000848

 FFE7FF

 000430

 00011B

 000000

■ 142DEB

■ 142DEB

■ 001BEB

■ 2C42EB

■ 4357EB

■ 5B6BEB

■ 7280EB

■ 8A95EB

■ A1AAEB

■ B9BEEB

■ D0D3EB

■ E8E8EB

Harmonies

Analogous

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



005FFF



142DEB



B800A2

Triad

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



142DEB



9E1D00



006B59

Complementary

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



142DEB



EBD214

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.



006800



142DEB



5A5100

Square

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



142DEB



CC0000



006300



006EB3

Rectangle

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



142DEB



D60068



006300



006A39

Sweetspot

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



142DEB



BAC2FF



14EBD2



575B80



000000



808080

Same Dimension

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



142DEB



001EFF



6614EB



6A6B75



0015B5



000636

Inverse Universe

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



EB142D



FF001E



99EB14



756A6B



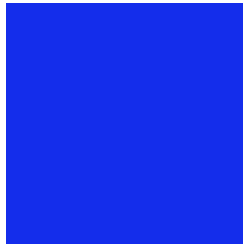
B50015



360006

Previews

White Background



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

Color Contrast Check

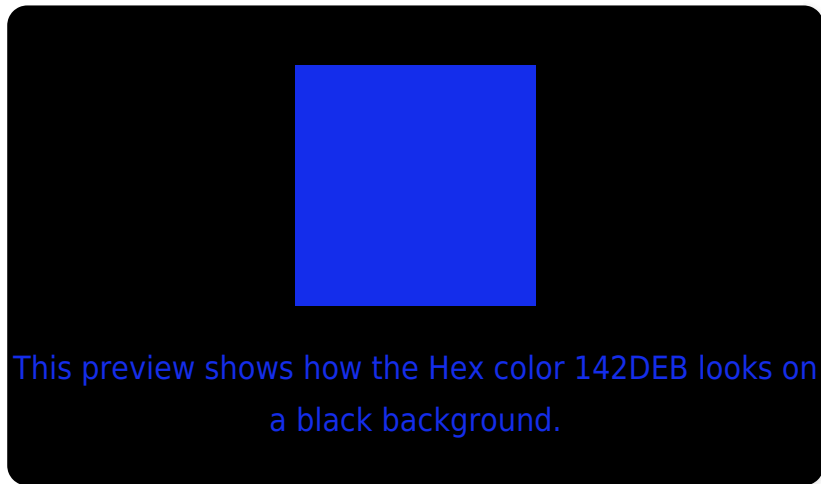
Large Text (above 18pt) WCAG AA ✓ Pass

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

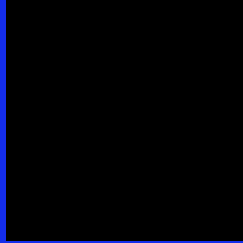
Any Text WCAG AA × Fail

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 142DEB Background



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



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

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
142DEB

Protanopia
004DA1

Deuteranopia
005288

Trichromacy



Original Color
142DEB

Protanomaly
0741BC

Deuteranomaly
0745AC

Tritanomaly
074890

Monochromacy



Original Color
142DEB

Achromatopsia
3B3B3B

Achromatomaly
2D367B

CSS Examples

Text

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

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

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 #142DEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor