

Converting Colors

Hex(2114EB)

Have a look what the booklet for
Hex(2114EB) contains.

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Color

Hex(2114EB)

Conversions

Conversions Part 1

Format	Color
Hex	2114EB
RGB	33, 20, 235
RGB Percent	13%, 8%, 92%
CMY	0.8706, 0.9216, 0.0784
CMYK	0.86, 0.91, 0.00, 0.08
HSL	244°, 84%, 50%
HSV	244°, 91%, 92%
XYZ	15.8728, 6.8218, 79.0774
YIQ	48.3970, -61.2670, 69.6210

Conversions

Conversions Part 2

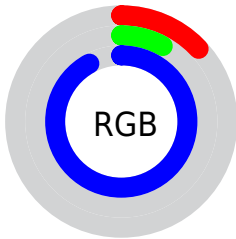
Format	Color
R _Y B	33, 20, 235
Decimal	2168043
CIE Lab	31.40, 71.04, -98.05
CIE LCh	31, 121.085, 305.924
Yxy	6.8218, 0.1560, 0.0670
Android (android.graphics.Color)	4280358123 (0xFF2114EB)
YUV	48.3970, 91.9953, -13.5032
Hunter-Lab	26.1186, 62.7703, -161.2252




Details

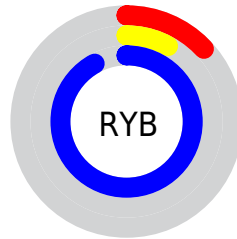
The Hex color **2114EB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DEEB14**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **7A4EFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **0E00EB**, and if you desaturate by 10%, it is **372CEB**.

Distribution







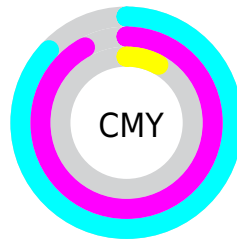
-  Red (13%)
-  Green (8%)
-  Blue (92%)






-  Red (13%)
-  Yellow (8%)
-  Blue (92%)



-  Cyan (86%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (8%)



-  Cyan (87%)
-  Magenta (92%)
-  Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2114EB 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 2114EB by changing the saturation by 10% instead.


 2114EB

 2114EB

FFFFFF

 0000CE

 7A4EFF

 0000B1

 9C68FF

 000096

 BD83FF

 00007A

 DE9FFF

 000F60

 FEBBFF

 000848

 FFD7FF

 000430

 FFF4FF

 00011A

 000000

■ 2114EB

■ 2114EB

■ 0E00EB

■ 372CEB

■ 4D43EB

■ 635BEB

■ 7972EB

■ 8F8AEB

■ A5A1EB

■ BCB9EB

■ D2D0EB

■ E8E8EB

Harmonies

Analogous

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



0059FF



2114EB



BD009A

Triad

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



2114EB



941500



00655C

Complementary

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



2114EB



DEEB14

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.



006200



2114EB



4A4E00

Square

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



2114EB



C80000



005D00



0068BB

Rectangle

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



2114EB



D9005C



005D00



00643A

Sweetspot

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



2114EB



BEBAFF



14E0EB



595780



000000



808080

Same Dimension

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



2114EB



0F00FF



8A14EB



6A6A75



0B00B5



030036

Inverse Universe

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



EB14DE



FF00F0



75EB14



756A75



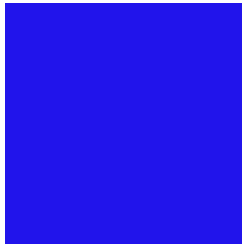
B500AA



360032

Previews

White Background



This preview shows how the Hex color 2114EB looks on a white background.

Color Contrast Check

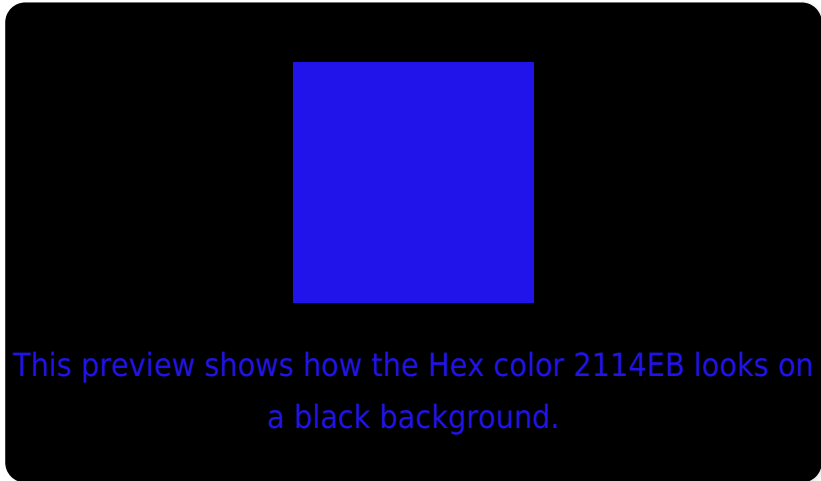
Large Text (above 18pt) WCAG AA ✓ Pass

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

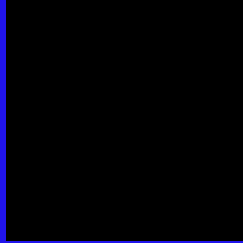
Any Text WCAG AA × Fail

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 2114EB Background



This preview shows how black text looks on a background with the Hex color 2114EB.



This preview shows how white text looks on a background with the Hex color 2114EB.

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
2114EB

Protanopia
004795

Deuteranopia
004C7F

Trichromacy



Original Color
2114EB

Protanomaly
0C34B4

Deuteranomaly
0C38A6

Tritanomaly
0C3B8C

Monochromacy



Original Color
2114EB

Achromatopsia
303030

Achromatomaly
2B2674

CSS Examples

Text

The CSS property to change the color of the text to Hex 2114EB 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 #2114EB looks like.

```
.text, #text, p{  
    color:#2114EB  
}
```

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 #2114EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2114EB
}
```

Border

The CSS property to change the border of an element to Hex 2114EB 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
#2114EB }
```

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

```
.border{ border-color:#2114EB }
```

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

Here you see how a box with a 4 pixel #2114EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2114EB; -webkit-box-shadow:4px 4px  
4px 4px #2114EB; box-shadow:4px 4px 4px  
4px #2114EB }
```

Background

The CSS property to change the background color of an element to Hex 2114EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2114EB }
```

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

```
.background{ background-color:#2114EB }
```

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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