

Converting Colors

Hex(213BF4)

Have a look what the booklet for
Hex(213BF4) contains.

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Color

Hex(213BF4)

Conversions

Conversions Part 1

Format	Color
Hex	213BF4
RGB	33, 59, 244
RGB Percent	13%, 23%, 96%
CMY	0.8706, 0.7686, 0.0431
CMYK	0.86, 0.76, 0.00, 0.04
HSL	233°, 91%, 54%
HSV	233°, 86%, 96%
XYZ	18.5203, 9.9829, 86.5387
YIQ	72.3160, -74.8810, 52.0230

Conversions

Conversions Part 2

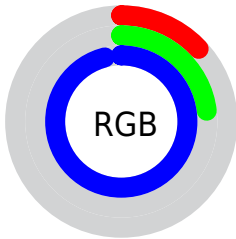
Format	Color
R_{YB}	33, 56, 244
Decimal	2178036
CIE Lab	37.81, 57.92, -92.48
CIE LCh	38, 109.123, 302.061
Yxy	9.9829, 0.1610, 0.0868
Android (android.graphics.Color)	4280368116 (0xFF213BF4)
YUV	72.3160, 84.6402, -34.4801
Hunter-Lab	31.5958, 49.3377, -140.2744

Details

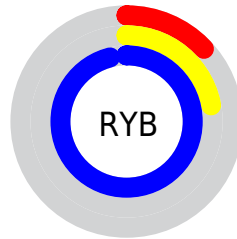
The Hex color **213BF4** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F4DA21**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A6CFF**, and **000CBA** is the 20% darker color. If you saturate the color by 10%, you get **0926F4**, and if you desaturate by 10%, it is **3950F4**.

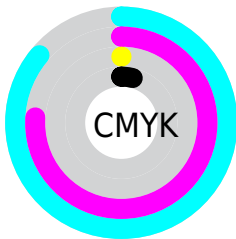
Distribution



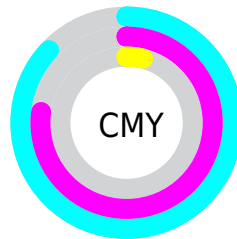
- Red (13%)
- Green (23%)
- Blue (96%)



- Red (13%)
- Yellow (22%)
- Blue (96%)



- Cyan (86%)
- Magenta (76%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (77%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213BF4 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 213BF4 by changing the saturation by 10% instead.

 213BF4

 213BF4

FFFFFF

 0023D7

 7A6CFF

 000CBA

 9C86FF

 00009E

 BDA1FF

 000083

 DDBDFF

 000E69

 FDD9FF

 000A4F

 FFF5FF

 000537

 000221

 000006

■ 213BF4

■ 213BF4

■ 0926F4

■ 3950F4

■ 001EF4

■ 5266F4

■ 6A7BF4

■ 8391F4

■ 9BA6F4

■ B3BBF4

■ CCD1F4

■ E4E6F4

■ FDFCF4

Harmonies

Analogous

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



0067FF



213BF4



BE00AE

Triad

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



213BF4



AB2700



00755D

Complementary

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



213BF4



F4DA21

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.



007200



213BF4



685900

Square

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



213BF4



D80000



006B00



0078B7

Rectangle

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



213BF4



DE0075



006B00



00743E

Sweetspot

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



213BF4



BDC5FF



21F4D8



585D80



000000



808080

Same Dimension

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



213BF4



001FFF



6E21F4



6E707A



0017BA



00073B

Inverse Universe

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



F4213B



FF001F



A7F421



7A6E70



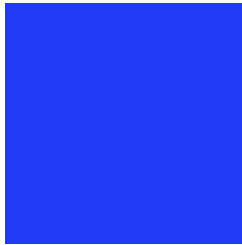
BA0017



3B0007

Previews

White Background



This preview shows how the Hex color 213BF4 looks on a white background.

Color Contrast Check

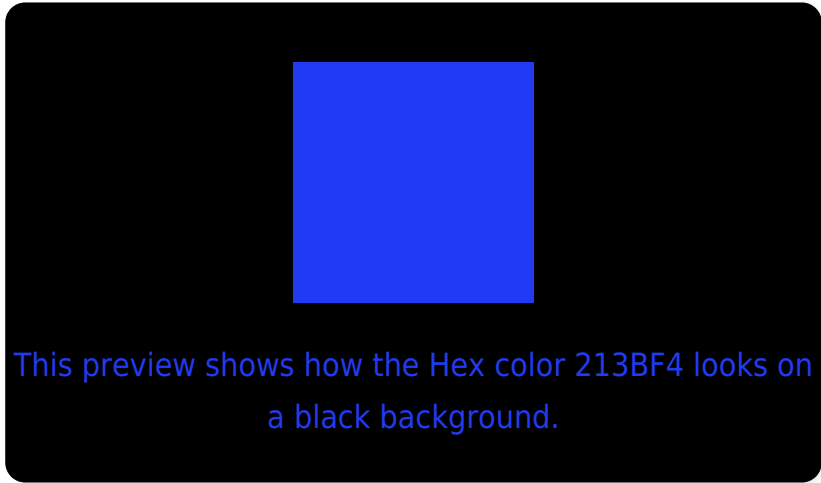
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

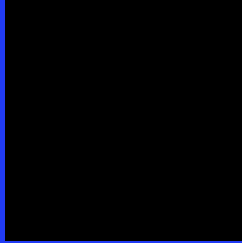
Any Text WCAG AA × Fail

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 213BF4 Background



This preview shows how black text looks on a background with the Hex color 213BF4.



This preview shows how white text looks on a background with the Hex color 213BF4.

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



Trichromacy



Original Color
213BF4

Protanomaly
0C4CCB

Deuteranomaly
0C4FB9

Tritanomaly
0C549A

Monochromacy



Original Color
213BF4

Achromatopsia
484848

Achromatomaly
3A4387

CSS Examples

Text

The CSS property to change the color of the text to Hex 213BF4 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 #213BF4 looks like.

```
.text, #text, p{  
    color:#213BF4  
}
```

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 #213BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213BF4
}
```

Border

The CSS property to change the border of an element to Hex 213BF4 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
#213BF4 }
```

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

```
.border{ border-color:#213BF4 }
```

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

Here you see how a box with a 4 pixel #213BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213BF4; -webkit-box-shadow:4px 4px  
4px 4px #213BF4; box-shadow:4px 4px 4px  
4px #213BF4 }
```

Background

The CSS property to change the background color of an element to Hex 213BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213BF4 }
```

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

```
.background{ background-color:#213BF4 }
```

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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