

Converting Colors

Hex(214AFF)

Have a look what the booklet for
Hex(214AFF) contains.

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Color

Hex(214AFF)

Conversions

Conversions Part 1

Format	Color
Hex	214AFF
RGB	33, 74, 255
RGB Percent	13%, 29%, 100%
CMY	0.8706, 0.7098, 0.0000
CMYK	0.87, 0.71, 0.00, 0.00
HSL	229°, 100%, 56%
HSV	229°, 87%, 100%
XYZ	21.1260, 12.4409, 95.8956
YIQ	82.3750, -82.5370, 47.5990

Conversions

Conversions Part 2

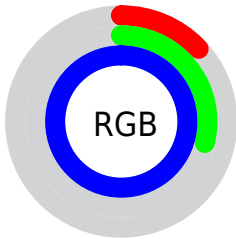
Format	Color
RYP	33, 68, 255
Decimal	2181887
CIELab	41.91, 53.27, -91.87
CIElCh	42, 106.194, 300.107
Yxy	12.4409, 0.1632, 0.0961
Android (android.graphics.Color)	4280371967 (0xFF214AFF)
YUV	82.3750, 85.1041, -43.3019
Hunter-Lab	35.2716, 45.1873, -136.5059

Details

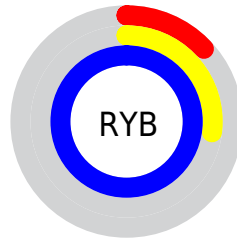
The Hex color **214AFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFD621**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7C7BFF**, and **001DC5** is the 20% darker color. If you saturate the color by 10%, you get **0835FF**, and if you desaturate by 10%, it is **3A5FFF**.

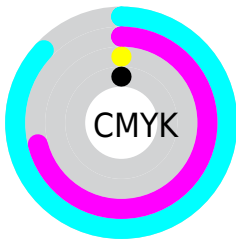
Distribution



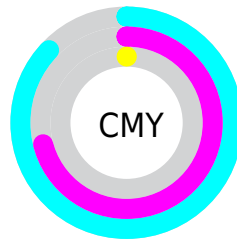
- Red (13%)
- Green (29%)
- Blue (100%)



- Red (13%)
- Yellow (27%)
- Blue (100%)



- Cyan (87%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214AFF 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 214AFF by changing the saturation by 10% instead.

 214AFF

 214AFF

FFFFFF

 0033E2

 7C7BFF

 001DC5

 9E96FF

 000AA8

 BFB1FF

 00008D

 DFCCFF

 000872

 FFE9FF

 000D59

 000740

 000329

 000113

 214AFF

 214AFF

 0835FF

 3A5FFF

 002FFF

 5474FF

 6D88FF

 879DFF

 A1B2FF

 BAC7FF

 D3DCFF

 EDF0FF

FFFFFF

Harmonies

Analogous

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



0072FF



214AFF



C400BC

Triad

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



214AFF



BA3000



008061

Complementary

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



214AFF



FFD621

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.



007D00



214AFF



796100

Square

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



214AFF



E50012



007500



0082BA

Rectangle

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



214AFF



E60084



007500



007F42

Sweetspot

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



214AFF



BDC9FF



21FFD3



585F80



000000



808080

Same Dimension

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



214AFF



002FFF



6421FF



737580



0023BF



000C40

Inverse Universe

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



FF214A



FF002F



BCFF21



807375



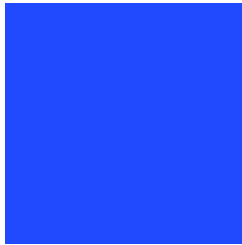
BF0023



40000C

Previews

White Background



This preview shows how the Hex color 214AFF looks on a white background.

Color Contrast Check

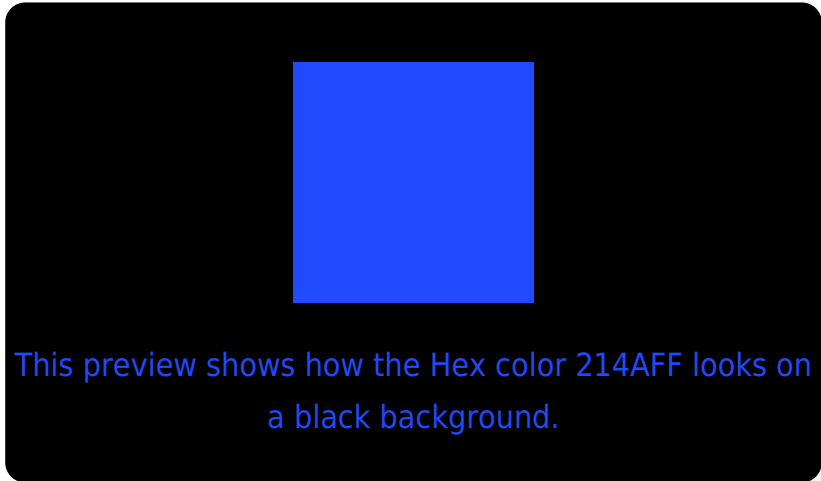
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

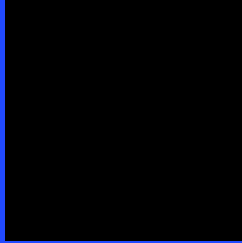
Any Text WCAG AA × Fail

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 214AFF Background



This preview shows how black text looks on a background with the Hex color 214AFF.

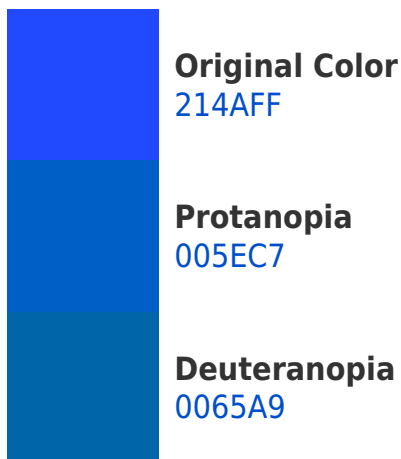


This preview shows how white text looks on a background with the Hex color 214AFF.

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
006D72

Trichromacy



Original Color
214AFF

Protanomaly
0C57DB

Deuteranomaly
0C5BC8

Tritanomaly
0C60A5

Monochromacy



Original Color
214AFF

Achromatopsia
525252

Achromatomaly
404F91

CSS Examples

Text

The CSS property to change the color of the text to Hex 214AFF 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 #214AFF looks like.

```
.text, #text, p{  
    color:#214AFF  
}
```

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 #214AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214AFF
}
```

Border

The CSS property to change the border of an element to Hex 214AFF 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
#214AFF }
```

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

```
.border{ border-color:#214AFF }
```

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

Here you see how a box with a 4 pixel #214AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214AFF; -webkit-box-shadow:4px 4px  
4px 4px #214AFF; box-shadow:4px 4px 4px  
4px #214AFF }
```

Background

The CSS property to change the background color of an element to Hex 214AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214AFF }
```

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

```
.background{ background-color:#214AFF }
```

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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