

# Converting Colors

Hex(2BADFF)

Have a look what the booklet for  
Hex(2BADFF) contains.

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# **Color**

**Hex(2BADFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BADFF
RGB	43, 173, 255
RGB Percent	17%, 68%, 100%
CMY	0.8314, 0.3216, 0.0000
CMYK	0.83, 0.32, 0.00, 0.00
HSL	203°, 100%, 58%
HSV	203°, 83%, 100%
XYZ	33.9898, 37.6207, 100.0778
YIQ	143.4780, -103.8020, -2.0580

# Conversions

## Conversions Part 2

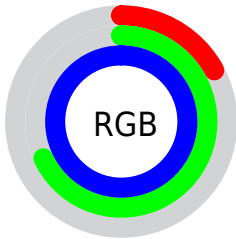
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	43, 124, 255
Decimal	2862591
CIE Lab	67.74, -6.05, -50.08
CIE LCh	68, 50.441, 263.113
Yxy	37.6207, 0.1980, 0.2191
Android (android.graphics.Color)	4281052671 (0xFF2BADFF)
YUV	143.4780, 54.9803, -88.1192
Hunter-Lab	61.3357, -8.4199, -53.8049

# Details

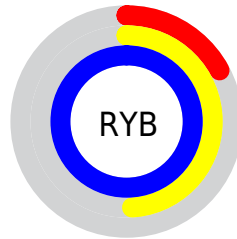
The Hex color **2BADFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF7D2B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7CE4FF**, and **0079C6** is the 20% darker color. If you saturate the color by 10%, you get **12A3FF**, and if you desaturate by 10%, it is **45B7FF**.

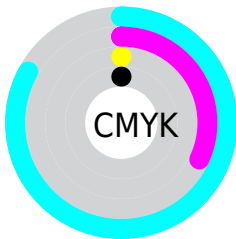
# Distribution



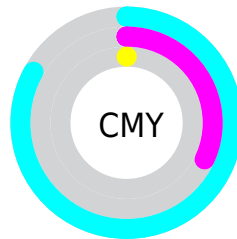
- Red (17%)
- Green (68%)
- Blue (100%)



- Red (17%)
- Yellow (49%)
- Blue (100%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BADFF 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 2BADFF by changing the saturation by 10% instead.



 2BADFF

 2BADFF

FFFFFF

 0093E2

 7CE4FF

 0079C6

 9DFFFF

 0061AA

 BDFFFF

 00498F

 DCFFFF

 003375

 FCFFFF

 001F5C

 000744

 00032D

 000117

■ 2BADFF

■ 2BADFF

■ 12A3FF

■ 45B7FF

■ 009CFF

■ 5EC1FF

■ 78CBFF

■ 91D4FF

■ ABDEFF

■ C4E8FF

■ DEF2FF

■ F7FCFF

FFFFFF

# Harmonies

## Analogous

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



00B7ED



2BADFF



979DF9

# Triad

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



2BADFF



FA8184



66B76C

# Complementary

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



2BADFF



FF7D2B

# 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.



9DAD4E



2BADFF



EA8E5D

# Square

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



2BADFF



F47FB1



C99F48



00BB99

# Rectangle

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



2BADFF



C291E8



C99F48



7AB460

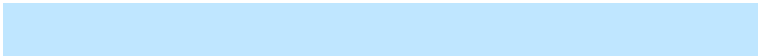


# Sweetspot

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



2BADFF



BFE6FF



2BFF7C



597180



000000



808080



# Same Dimension

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



2BADFF



009CFF



2B44FF



737B80



0075BF



002740



# Inverse Universe

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



FF2BAD



FF009C



FFE62B



80737B



BF0075

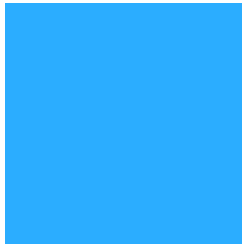


400027



# Previews

## White Background



This preview shows how the Hex color 2BADFF looks on a white background.

## Color Contrast Check

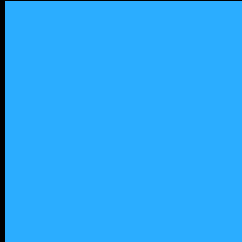
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2BADFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

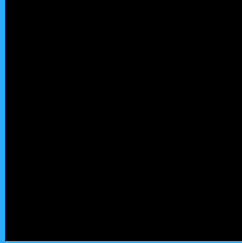
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

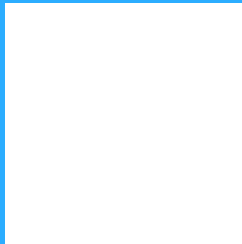
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2BADFF Background



This preview shows how black text looks on a background with the Hex color 2BADFF.

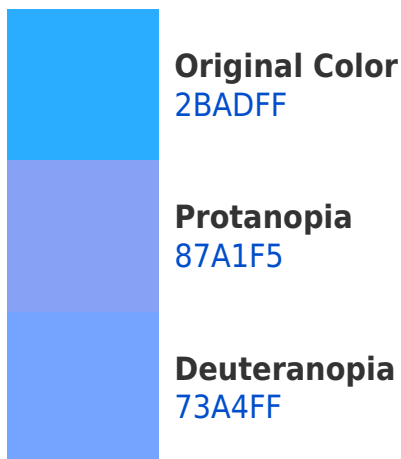


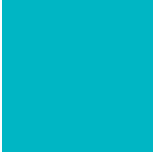
This preview shows how white text looks on a background with the Hex color 2BADFF.

# 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](#).

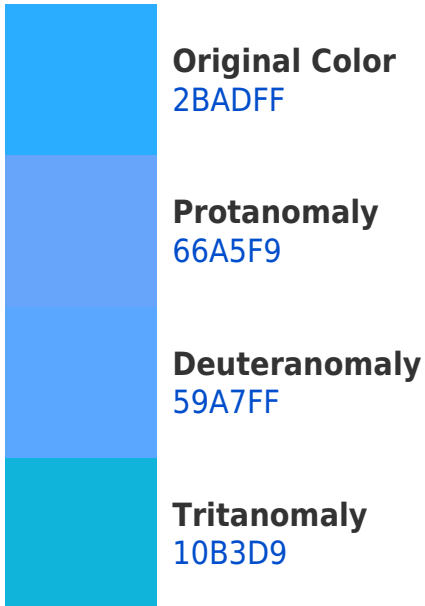
## Dichromacy





**Tritanopia**  
00B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BADFF 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 #2BADFF looks like.

```
.text, #text, p{  
    color:#2BADFF  
}
```

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 #2BADFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 2BADFF 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
#2BADFF }
```

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

```
.border{ border-color:#2BADFF }
```

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

Here you see how a box with a 4 pixel #2BADFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BADFF; -webkit-box-shadow:4px 4px  
4px 4px #2BADFF; box-shadow:4px 4px 4px  
4px #2BADFF }
```

# Background

The CSS property to change the background color of an element to Hex 2BADFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BADFF }
```

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

```
.background{ background-color:#2BADFF }
```

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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