

Converting Colors

RGB(42, 247, 255)

Have a look what the booklet for
RGB(42, 247, 255) contains.

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Color

RGB(42, 247, 255)

Conversions

Conversions Part 1

Format	Color
Hex	2AF7FF
RGB	42, 247, 255
RGB Percent	16%, 97%, 100%
CMY	0.8353, 0.0314, 0.0000
CMYK	0.84, 0.03, 0.00, 0.00
HSL	182°, 100%, 58%
HSV	182°, 84%, 100%
XYZ	52.2656, 74.2338, 106.1816
YIQ	186.6170, -124.7480, -40.9720

Conversions

Conversions Part 2

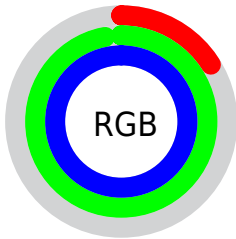
Format	Color
RYB	42, 146, 255
Decimal	2815999
CIELab	89.03, -43.09, -17.24
CIELCh	89, 46.415, 201.805
Yxy	74.2338, 0.2246, 0.3190
Android (android.graphics.Color)	4281006079 (0xFF2AF7FF)
YUV	186.6170, 33.7128, -126.8291
Hunter-Lab	86.1590, -42.4970, -12.7572

Details

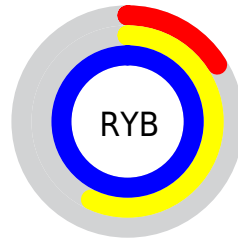
The RGB color **42, 247, 255** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **255, 50, 42**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **130, 255, 255**, and **0, 190, 198** is the 20% darker color. If you saturate the color by 10%, you get **16, 246, 255**, and if you desaturate by 10%, it is **67, 248, 255**.

Distribution



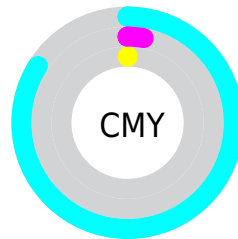
- Red (16%)
- Green (97%)
- Blue (100%)



- Red (16%)
- Yellow (57%)
- Blue (100%)



- Cyan (84%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



















- Cyan (84%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 42, 247, 255 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 RGB color 42, 247, 255 by changing the saturation by 10% instead.

 42, 247, 255	 42, 247, 255
 255, 255, 255	 0, 218, 226
 130, 255, 255	 0, 190, 198
 164, 255, 255	 0, 162, 171
 197, 255, 255	 0, 136, 145
 229, 255, 255	 0, 109, 119
	 0, 84, 94
	 0, 60, 71
	 0, 39, 48
	 0, 1, 28

■ 42, 247, 255

■ 42, 247, 255

■ 16, 246, 255

■ 67, 248, 255

■ 0, 245, 255

■ 93, 249, 255

■ 119, 250, 255

■ 144, 251, 255

■ 170, 252, 255

■ 195, 253, 255

■ 221, 254, 255

■ 246, 255, 255

255, 255, 255

Harmonies

Analogous

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



110, 247, 210



42, 247, 255



55, 242, 255

Triad

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



42, 247, 255



255, 201, 255



255, 217, 136

Complementary

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



42, 247, 255



255, 50, 42

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.



255, 202, 156



42, 247, 255



255, 190, 238

Square

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



42, 247, 255



211, 217, 255



255, 191, 193



220, 231, 140

Rectangle

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



42, 247, 255



111, 236, 255



255, 191, 193



255, 212, 140

Sweetspot

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



42, 247, 255



191, 253, 255



42, 255, 49



89, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



42, 247, 255



0, 245, 255



42, 141, 255



115, 127, 128



0, 184, 191



0, 61, 64

Inverse Universe

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



255, 42, 247



255, 0, 245



255, 156, 42



128, 115, 127



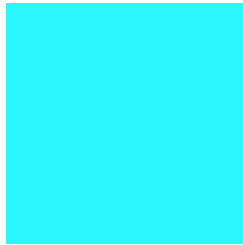
191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RGB color 42, 247, 255 looks on a white background.

Color Contrast Check

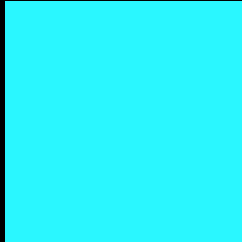
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 42, 247, 255 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](#).

RGB 42, 247, 255 Background



This preview shows how black text looks on a background with the RGB color 42, 247, 255.



This preview shows how white text looks on a background with the RGB color 42, 247, 255.

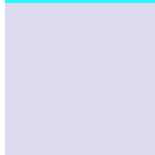
Color Blindness Simulation

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



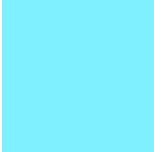
Original Color
42, 247, 255



Protanopia
221, 220, 238

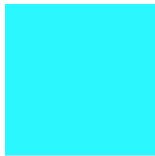


Deuteranopia
223, 217, 255



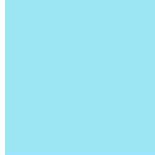
Tritanopia
126, 240, 255

Trichromacy



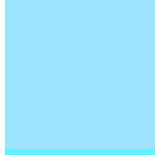
Original Color

42, 247, 255



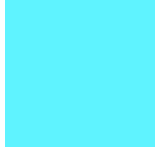
Protanomaly

156, 230, 244



Deuteranomaly

157, 228, 255



Tritanomaly

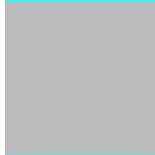
95, 243, 255

Monochromacy



Original Color

42, 247, 255



Achromatopsia

187, 187, 187



Achromatomaly

134, 209, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 42, 247, 255 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 `rgb(42, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(42, 247, 255)  
}
```

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 rgb(42, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 247, 255) }
```

Border

The CSS property to change the border of an element to RGB 42, 247, 255 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 rgb(42, 247, 255) }
```

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

```
.border{ border-color:rgb(42, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(42, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(42, 247,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 42, 247, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 247, 255) }
```

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

```
.background{ background-color: rgb(42, 247,  
255) }
```

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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