

Converting Colors

RGB(42, 216, 252)

Have a look what the booklet for
RGB(42, 216, 252) contains.

RGB(42, 216, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(42, 216, 252)

Conversions

Conversions Part 1

Format	Color
Hex	2AD8FC
RGB	42, 216, 252
RGB Percent	16%, 85%, 99%
CMY	0.8353, 0.1529, 0.0118
CMYK	0.83, 0.14, 0.00, 0.01
HSL	190°, 97%, 58%
HSV	190°, 83%, 99%
XYZ	43.0814, 56.6322, 100.7559
YIQ	168.0780, -115.2600, -25.6920

Conversions

Conversions Part 2

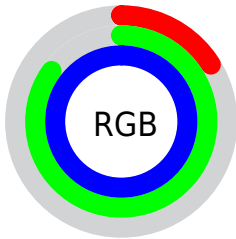
Format	Color
R _Y B	42, 137, 252
Decimal	2808060
CIE Lab	79.97, -29.59, -29.43
CIE LCh	80, 41.734, 224.835
Yxy	56.6322, 0.2149, 0.2825
Android (android.graphics.Color)	4280998140 (0xFF2AD8FC)
YUV	168.0780, 41.3735, -110.5704
Hunter-Lab	75.2544, -29.5081, -26.7036

Details

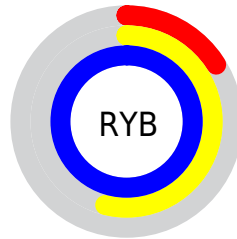
The RGB color **42, 216, 252** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **252, 78, 42**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **126, 255, 255**, and **0, 161, 195** is the 20% darker color. If you saturate the color by 10%, you get **17, 212, 252**, and if you desaturate by 10%, it is **67, 220, 252**.

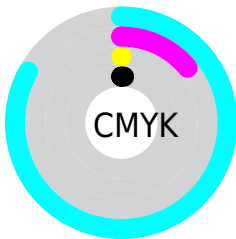
Distribution



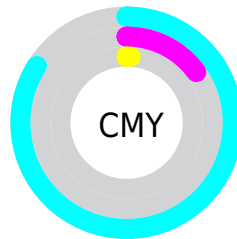
- Red (16%)
- Green (85%)
- Blue (99%)



- Red (16%)
- Yellow (54%)
- Blue (99%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



















- Cyan (84%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 42, 216, 252 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, 216, 252 by changing the saturation by 10% instead.

 42, 216, 252	 42, 216, 252
 255, 255, 255	 0, 188, 223
 126, 255, 255	 0, 161, 195
 159, 255, 255	 0, 134, 168
 192, 255, 255	 0, 109, 141
 223, 255, 255	 0, 84, 116
	 0, 60, 91
	 0, 39, 67
	 0, 3, 45
	 0, 1, 24

■ 42, 216, 252

■ 42, 216, 252

■ 17, 212, 252

■ 67, 220, 252

■ 0, 209, 252

■ 92, 225, 252

■ 118, 229, 252

■ 143, 233, 252

■ 168, 238, 252

■ 193, 242, 252

■ 218, 246, 252

■ 244, 251, 252

255, 255, 252

Harmonies

Analogous

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



57, 219, 217



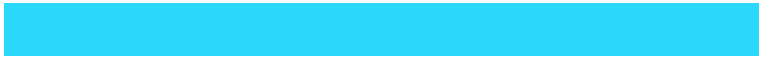
42, 216, 252



107, 208, 255

Triad

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



42, 216, 252



255, 170, 220



205, 202, 122

Complementary

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



42, 216, 252



252, 78, 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.



241, 189, 123



42, 216, 252



255, 168, 180

Square

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



42, 216, 252



227, 181, 254



255, 176, 145



161, 212, 142

Rectangle

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



42, 216, 252



153, 200, 255



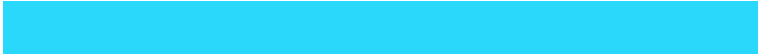
255, 176, 145



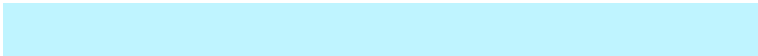
218, 198, 120

Sweetspot

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



42, 216, 252



191, 244, 255



42, 252, 77



89, 121, 128



0, 0, 0



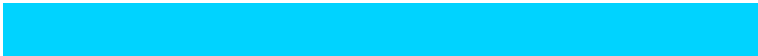
128, 128, 128

Same Dimension

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



42, 216, 252



0, 211, 255



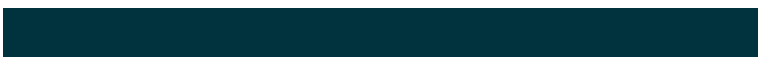
42, 112, 252



112, 123, 125



0, 156, 189



0, 51, 61

Inverse Universe

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



252, 42, 216



255, 0, 211



252, 182, 42



125, 112, 123



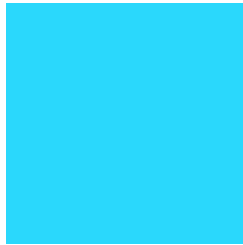
189, 0, 156



61, 0, 51

Previews

White Background



This preview shows how the RGB color 42, 216, 252 looks on a white background.

Color Contrast Check

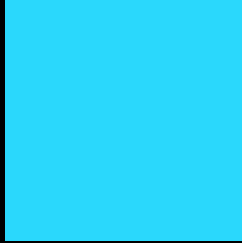
Large Text (above 18pt) WCAG AA × Fail

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, 216, 252 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, 216, 252 Background



This preview shows how black text looks on a background with the RGB color 42, 216, 252.

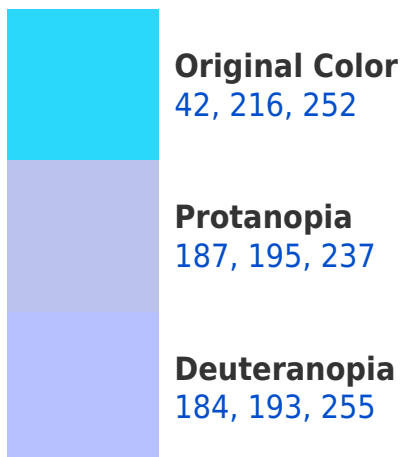


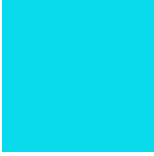
This preview shows how white text looks on a background with the RGB color 42, 216, 252.

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
7, 219, 236

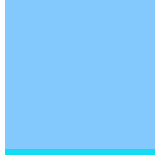
Trichromacy



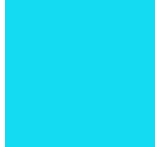
Original Color
42, 216, 252



Protanomaly
134, 203, 242



Deuteranomaly
132, 201, 254

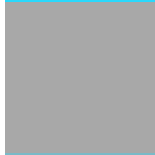


Tritanomaly
20, 218, 242

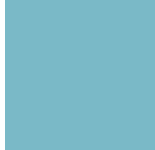
Monochromacy



Original Color
42, 216, 252



Achromatopsia
168, 168, 168



Achromatomaly
122, 185, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 42, 216, 252 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, 216, 252)` looks like.

```
.text, #text, p{  
    color:rgb(42, 216, 252)  
}
```

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, 216, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 216, 252) }
```

Border

The CSS property to change the border of an element to RGB 42, 216, 252 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, 216, 252) }
```

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

```
.border{ border-color:rgb(42, 216, 252) }
```

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

Here you see how a box with a 4 pixel rgb(42, 216, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 216, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 216, 252);  
box-shadow:4px 4px 4px 4px rgb(42, 216,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 42, 216, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 216, 252) }
```

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

```
.background{ background-color: rgb(42, 216,  
252) }
```

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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