

Converting Colors

RGB(41, 242, 242)

Have a look what the booklet for
RGB(41, 242, 242) contains.

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Color

RGB(41, 242, 242)

Conversions

Conversions Part 1

Format	Color
Hex	29F2F2
RGB	41, 242, 242
RGB Percent	16%, 95%, 95%
CMY	0.8392, 0.0510, 0.0510
CMYK	0.83, 0.00, 0.00, 0.05
HSL	180°, 89%, 55%
HSV	180°, 83%, 95%
XYZ	48.6936, 70.3865, 95.0239
YIQ	181.9010, -119.7960, -42.6120

Conversions

Conversions Part 2

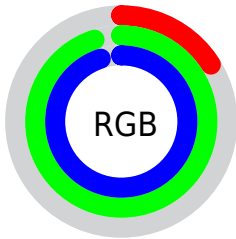
Format	Color
RYB	41, 142, 242
Decimal	2749170
CIELab	87.19, -44.69, -13.22
CIELCh	87, 46.601, 196.480
Yxy	70.3865, 0.2274, 0.3287
Android (android.graphics.Color)	4280939250 (0xFF29F2F2)
YUV	181.9010, 29.6288, -123.5702
Hunter-Lab	83.8967, -43.2178, -8.4260

Details

The RGB color **41, 242, 242** 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 **242, 41, 41**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **127, 255, 255**, and **0, 185, 186** is the 20% darker color. If you saturate the color by 10%, you get **17, 242, 242**, and if you desaturate by 10%, it is **65, 242, 242**.

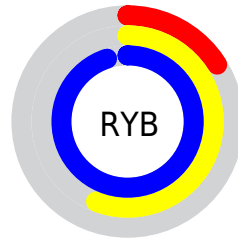
Distribution



Red (16%)

Green (95%)

Blue (95%)



Red (16%)

Yellow (56%)

Blue (95%)

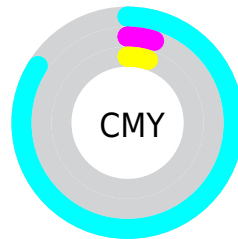


Cyan (83%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (84%)

















Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 242, 242 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 41, 242, 242 by changing the saturation by 10% instead.

 41, 242, 242	 41, 242, 242
 255, 255, 255	 0, 213, 214
 127, 255, 255	 0, 185, 186
 161, 255, 255	 0, 158, 159
 194, 255, 255	 0, 131, 133
 226, 255, 255	 0, 105, 108
	 0, 80, 84
	 0, 56, 60
	 0, 34, 39
	 0, 1, 18

■ 41, 242, 242

■ 41, 242, 242

■ 17, 242, 242

■ 65, 242, 242

■ 0, 242, 242

■ 89, 242, 242

■ 114, 242, 242

■ 138, 242, 242

■ 162, 242, 242

■ 186, 242, 242

■ 210, 242, 242

■ 235, 242, 242

■ 255, 242, 242

Harmonies

Analogous

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



115, 241, 196



41, 242, 242



18, 238, 255

Triad

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



41, 242, 242



254, 198, 255



255, 209, 132

Complementary

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



41, 242, 242



242, 41, 41

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, 194, 156



41, 242, 242



255, 186, 240

Square

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



41, 242, 242



194, 214, 255



255, 184, 195



223, 223, 132

Rectangle

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



41, 242, 242



87, 232, 255



255, 184, 195



255, 204, 138

Sweetspot

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



41, 242, 242



191, 255, 255



41, 242, 41



89, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



41, 242, 242



0, 255, 255



41, 141, 242



108, 120, 120



0, 184, 184



0, 56, 56

Inverse Universe

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



242, 41, 242



255, 0, 255



242, 141, 41



120, 108, 120



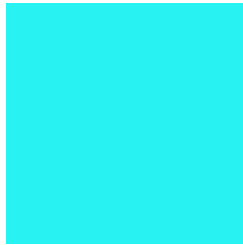
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RGB color 41, 242, 242 looks on a white background.

Color Contrast Check

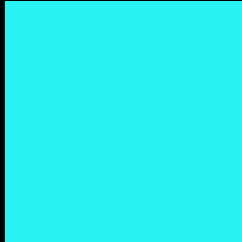
Large Text (above 18pt) WCAG AA × Fail

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 41, 242, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

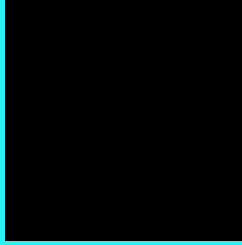
Any Text WCAG AA ✓ Pass

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 41, 242, 242 Background



This preview shows how black text looks on a background with the RGB color 41, 242, 242.

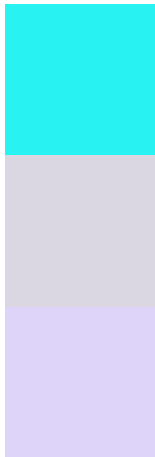


This preview shows how white text looks on a background with the RGB color 41, 242, 242.

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](#).

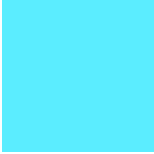
Dichromacy



Original Color
41, 242, 242

Protanopia
218, 215, 226

Deuteranopia
222, 211, 249



Tritanopia
91, 237, 255

Trichromacy



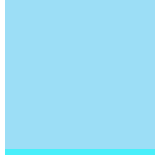
Original Color

41, 242, 242



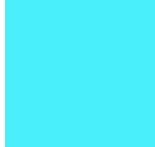
Protanomaly

154, 225, 232



Deuteranomaly

156, 222, 246



Tritanomaly

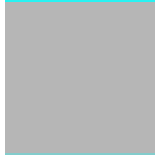
73, 239, 250

Monochromacy



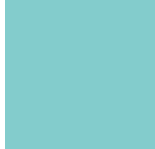
Original Color

41, 242, 242



Achromatopsia

182, 182, 182



Achromatomaly

131, 204, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 242, 242 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(41, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(41, 242, 242)  
}
```

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(41, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 242, 242) }
```

Border

The CSS property to change the border of an element to RGB 41, 242, 242 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(41, 242, 242) }
```

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

```
.border{ border-color:rgb(41, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(41, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(41, 242,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 41, 242, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 242, 242) }
```

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

```
.background{ background-color: rgb(41, 242,  
242) }
```

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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