

Converting Colors

`RYB(2, 124, 243)`

Have a look what the booklet for
RYB(2, 124, 243) contains.

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Color

R_YB(2, 124, 243)

Conversions

Conversions Part 1

Format	Color
Hex	02F3ED
RGB	2, 243, 237
RGB Percent	1%, 95%, 93%
CMY	0.9922, 0.0471, 0.0703
CMYK	0.99, 0.00, 0.02, 0.05
HSL	179°, 98%, 48%
HSV	179°, 99%, 95%
XYZ	47.3725, 70.2328, 91.2368
YIQ	170.2570, -141.7100, -52.9580

Conversions

Conversions Part 2

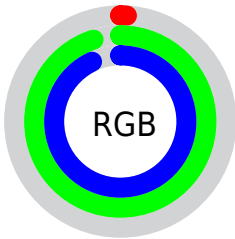
Format	Color
R _Y B	2, 124, 243
Decimal	193517
CIE Lab	87.11, -48.01, -10.78
CIE LCh	87, 49.209, 192.649
Yxy	70.2328, 0.2268, 0.3363
Android (android.graphics.Color)	4278383597 (0xFF02F3ED)
YUV	170.2570, 32.9043, -147.5614
Hunter-Lab	83.8050, -45.7581, -5.8843

Details

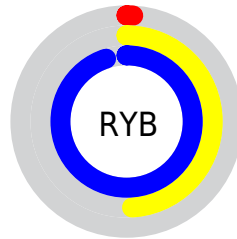
The RYB color **2, 124, 243** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **243, 2, 8**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **118, 187, 255**, and **0, 94, 186** is the 20% darker color. If you saturate the color by 10%, you get **0, 123, 243**, and if you desaturate by 10%, it is **26, 136, 243**.

Distribution



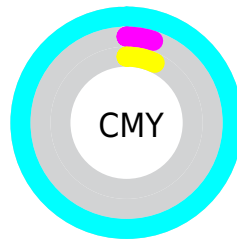
- Red (1%)
- Green (95%)
- Blue (93%)



- Red (1%)
- Yellow (49%)
- Blue (95%)



- Cyan (99%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)




















- Cyan (99%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 2, 124, 243 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 RYB color 2, 124, 243 by changing the saturation by 10% instead.

 2, 124, 243	 2, 124, 243
 255, 255, 255	 0, 108, 214
 118, 187, 255	 0, 94, 186
 153, 204, 255	 0, 80, 158
 186, 221, 255	 0, 67, 132
 218, 237, 255	 0, 53, 105
 251, 253, 255	 0, 40, 80
	 0, 28, 57
	 0, 17, 35
	 0, 1, 14

■ 2, 124, 243

■ 2, 124, 243

■ 0, 123, 243

■ 26, 136, 243

■ 51, 148, 243

■ 75, 160, 243

■ 99, 172, 243

■ 123, 184, 243

■ 148, 196, 243

■ 172, 208, 243

■ 196, 220, 243

■ 221, 232, 243

Harmonies

Analogous

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



116, 195, 241



2, 124, 243



0, 124, 255

Triad

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



2, 124, 243



249, 199, 255



209, 255, 129

Complementary

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



2, 124, 243



243, 2, 8

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, 207, 157



2, 124, 243



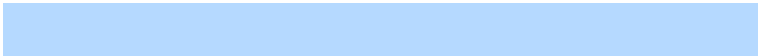
255, 185, 247

Square

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



2, 124, 243



181, 205, 255



255, 181, 200



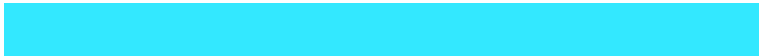
133, 229, 125

Rectangle

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



2, 124, 243



51, 147, 255



255, 181, 200



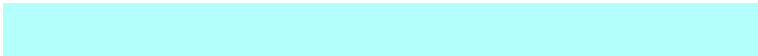
238, 255, 136

Sweetspot

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



2, 124, 243



179, 218, 255



2, 243, 235



82, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



2, 124, 243



0, 129, 255



2, 86, 243



110, 116, 122



0, 94, 186



0, 30, 59

Inverse Universe

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



243, 2, 8



255, 0, 6



243, 211, 2



122, 110, 110



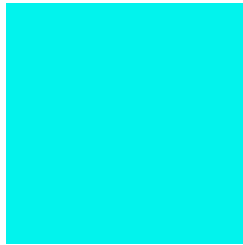
186, 0, 5



59, 0, 1

Previews

White Background



This preview shows how the RYB color 2, 124, 243 looks on a white background.

Color Contrast Check

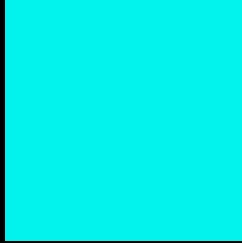
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 2, 124, 243 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](#).

R Y B 2, 124, 243 Background



This preview shows how black text looks on a background with the R Y B color 2, 124, 243.

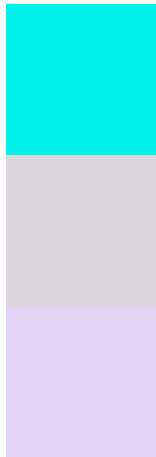


This preview shows how white text looks on a background with the R Y B color 2, 124, 243.

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](#).

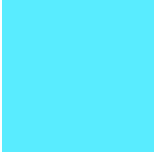
Dichromacy



Original Color
2, 124, 243

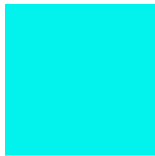
Protanopia
219, 215, 220

Deuteranopia
224, 211, 244



Tritanopia
89, 167, 255

Trichromacy



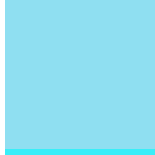
Original Color

2, 124, 243



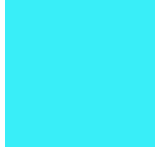
Protanomaly

140, 183, 226



Deuteranomaly

143, 187, 241



Tritanomaly

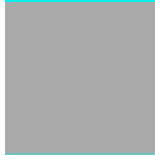
57, 150, 248

Monochromacy



Original Color

2, 124, 243



Achromatopsia

170, 170, 170



Achromatomaly

109, 154, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 2, 124, 243 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(2, 243, 237)` looks like.

```
.text, #text, p{  
  color:rgb(2, 243, 237)  
}
```

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(2, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 243, 237) }
```

Border

The CSS property to change the border of an element to RYB 2, 124, 243 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(2, 243, 237) }
```

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

```
.border{ border-color:rgb(2, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(2, 243,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 2, 124, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 243, 237) }
```

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

```
.background{ background-color: rgb(2, 243,  
237) }
```

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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