

Converting Colors

`RYB(26, 121, 244)`

Have a look what the booklet for
RYB(26, 121, 244) contains.

RYB(26, 121, 244)	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

`RYB(26, 121, 244)`

Conversions

Conversions Part 1

Format	Color
Hex	1AC2F4
RGB	26, 194, 244
RGB Percent	10%, 76%, 96%
CMY	0.8980, 0.2377, 0.0431
CMYK	0.89, 0.20, 0.00, 0.04
HSL	194°, 91%, 53%
HSV	194°, 89%, 96%
XYZ	36.1303, 45.5015, 92.4664
YIQ	149.4680, -116.1780, -20.0660

Conversions

Conversions Part 2

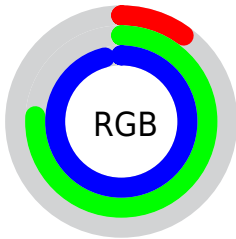
Format	Color
R _Y B	26, 121, 244
Decimal	1753844
CIE Lab	73.22, -22.37, -35.57
CIE LCh	73, 42.019, 237.828
Yxy	45.5015, 0.2075, 0.2614
Android (android.graphics.Color)	4279943924 (0xFF1AC2F4)
YUV	149.4680, 46.6043, -108.2814
Hunter-Lab	67.4548, -22.4375, -34.0557

Details

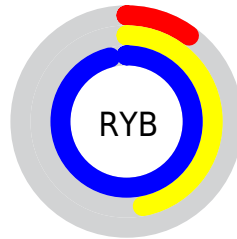
The RYB color **26, 121, 244** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **244, 91, 26**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **117, 185, 255**, and **0, 80, 188** is the 20% darker color. If you saturate the color by 10%, you get **2, 107, 244**, and if you desaturate by 10%, it is **50, 135, 244**.

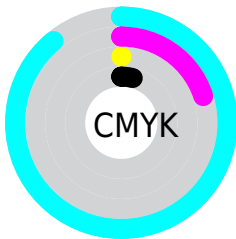
Distribution



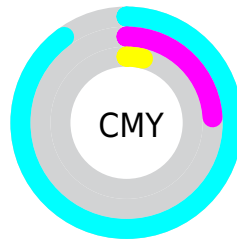
- Red (10%)
- Green (76%)
- Blue (96%)



- Red (10%)
- Yellow (47%)
- Blue (96%)



- Cyan (89%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)




















- Cyan (90%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 121, 244 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 26, 121, 244 by changing the saturation by 10% instead.

 26, 121, 244	 26, 121, 244
 255, 255, 255	 0, 94, 215
 117, 185, 255	 0, 81, 188
 150, 203, 255	 0, 67, 160
 182, 219, 255	 0, 54, 134
 214, 235, 255	 0, 41, 109
 246, 251, 255	 0, 29, 84
	 0, 17, 61
	 0, 3, 38
	 0, 1, 15

■ 26, 121, 244

■ 26, 121, 244

■ 2, 107, 244

■ 50, 135, 244

■ 0, 106, 244

■ 75, 148, 244

■ 99, 162, 244

■ 124, 176, 244

■ 148, 190, 244

■ 172, 204, 244

■ 197, 217, 244

■ 221, 231, 244

■ 246, 244, 244

Harmonies

Analogous

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



0, 103, 214



26, 121, 244



116, 162, 255

Triad

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



26, 121, 244



250, 150, 184



110, 188, 130

Complementary

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



26, 121, 244



244, 91, 26

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.



144, 207, 102



26, 121, 244



253, 152, 146

Square

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



26, 121, 244



225, 157, 221



237, 193, 116



122, 184, 196

Rectangle

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



26, 121, 244



160, 174, 253



237, 193, 116



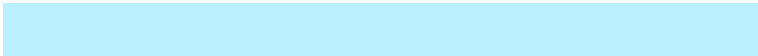
105, 185, 108

Sweetspot

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



26, 121, 244



186, 216, 255



26, 205, 244



87, 105, 128



0, 0, 0



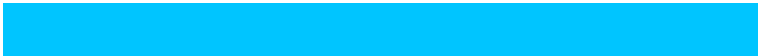
128, 128, 128

Same Dimension

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



26, 121, 244



0, 111, 255



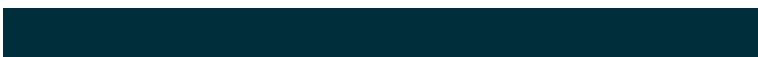
26, 74, 244



110, 115, 122



0, 81, 186



0, 26, 59

Inverse Universe

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



244, 26, 194



255, 0, 197



113, 244, 26



122, 110, 120



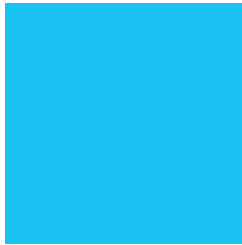
186, 0, 144



59, 0, 45

Previews

White Background



This preview shows how the RYB color 26, 121, 244 looks on a white background.

Color Contrast Check

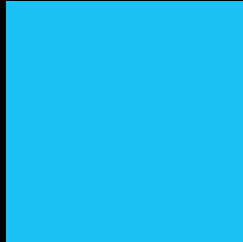
Large Text (above 18pt) WCAG AA × Fail

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 26, 121, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

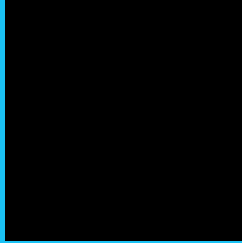
Any Text WCAG AA ✓ Pass

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](#).

RYB 26, 121, 244 Background



This preview shows how black text looks on a background with the RYB color 26, 121, 244.

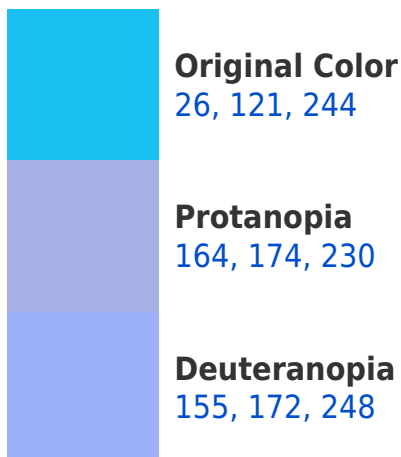


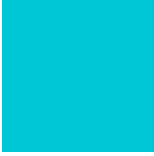
This preview shows how white text looks on a background with the RYB color 26, 121, 244.

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
0, 103, 214

Trichromacy



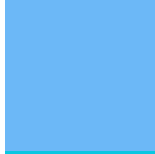
Original Color

26, 121, 244



Protanomaly

114, 158, 235



Deuteranomaly

108, 157, 247



Tritanomaly

9, 110, 225

Monochromacy



Original Color

26, 121, 244



Achromatopsia

150, 150, 150



Achromatomaly

105, 139, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 121, 244 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(26, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(26, 194, 244)  
}
```

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(26, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 194, 244) }
```

Border

The CSS property to change the border of an element to RYB 26, 121, 244 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(26, 194, 244) }
```

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

```
.border{ border-color:rgb(26, 194, 244) }
```

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

Here you see how a box with a 4 pixel rgb(26, 194, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 194, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 194, 244);  
box-shadow:4px 4px 4px 4px rgb(26, 194,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 26, 121, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 194, 244) }
```

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

```
.background{ background-color: rgb(26, 194,  
244) }
```

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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