

Converting Colors

`RYB(26, 119, 230)`

Have a look what the booklet for
RYB(26, 119, 230) contains.

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Color

`RYB(26, 119, 230)`

Conversions

Conversions Part 1

Format	Color
Hex	1AC5E6
RGB	26, 197, 230
RGB Percent	10%, 77%, 90%
CMY	0.8980, 0.2278, 0.0980
CMYK	0.89, 0.14, 0.00, 0.10
HSL	190°, 80%, 50%
HSV	190°, 89%, 90%
XYZ	34.6568, 45.8285, 81.8821
YIQ	149.6330, -112.5090, -25.9890

Conversions

Conversions Part 2

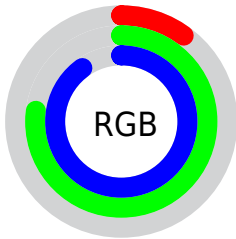
Format	Color
R_{YB}	26, 119, 230
Decimal	1754598
CIE _{Lab}	73.43, -28.28, -27.68
CIE _{LCh}	73, 39.574, 224.379
Yxy	45.8285, 0.2134, 0.2823
Android (android.graphics.Color)	4279944678 (0xFF1AC5E6)
YUV	149.6330, 39.6209, -108.4261
Hunter-Lab	67.6967, -27.0877, -24.3261

Details

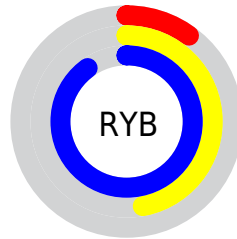
The RYB color **26, 119, 230** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **230, 65, 26**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **115, 185, 255**, and **0, 78, 174** is the 20% darker color. If you saturate the color by 10%, you get **3, 106, 230**, and if you desaturate by 10%, it is **49, 132, 230**.

Distribution



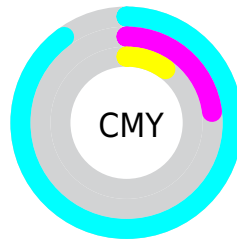
- Red (10%)
- Green (77%)
- Blue (90%)



- Red (10%)
- Yellow (47%)
- Blue (90%)



- Cyan (89%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)




















- Cyan (90%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 119, 230 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, 119, 230 by changing the saturation by 10% instead.

 26, 119, 230	 26, 119, 230
 255, 255, 255	 0, 92, 202
 115, 185, 255	 0, 78, 174
 148, 202, 255	 0, 65, 148
 180, 218, 255	 0, 52, 122
 211, 233, 255	 0, 40, 97
 243, 249, 255	 0, 28, 73
	 0, 16, 50
	 0, 2, 29
	 0, 0, 0

■ 26, 119, 230

■ 26, 119, 230

■ 3, 106, 230

■ 49, 132, 230

■ 0, 105, 230

■ 72, 144, 230

■ 95, 157, 230

■ 118, 169, 230

■ 141, 182, 230

■ 164, 194, 230

■ 187, 207, 230

■ 210, 219, 230

■ 233, 230, 230

Harmonies

Analogous

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



46, 124, 200



26, 119, 230



93, 153, 250

Triad

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



26, 119, 230



239, 154, 201



112, 187, 109

Complementary

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



26, 119, 230



230, 65, 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.



199, 221, 111



26, 119, 230



251, 152, 164

Square

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



26, 119, 230



207, 165, 232



244, 170, 131



127, 193, 174

Rectangle

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



26, 119, 230



136, 169, 252



244, 170, 131



131, 199, 107

Sweetspot

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



26, 119, 230



186, 218, 255



26, 203, 230



87, 106, 128



0, 0, 0



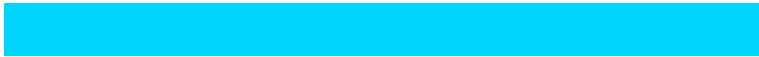
128, 128, 128

Same Dimension

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



26, 119, 230



0, 116, 255



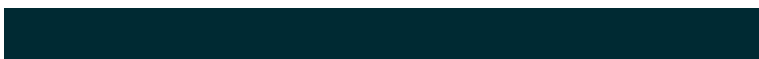
26, 79, 230



103, 108, 115



0, 82, 179



0, 23, 51

Inverse Universe

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



230, 26, 197



255, 0, 214



135, 230, 26



115, 103, 113



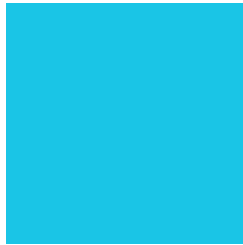
179, 0, 150



51, 0, 43

Previews

White Background



This preview shows how the RYB color 26, 119, 230 looks on a white background.

Color Contrast Check

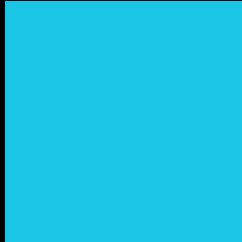
Large Text (above 18pt) WCAG AA × Fail

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, 119, 230 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, 119, 230 Background



This preview shows how black text looks on a background with the RYB color 26, 119, 230.

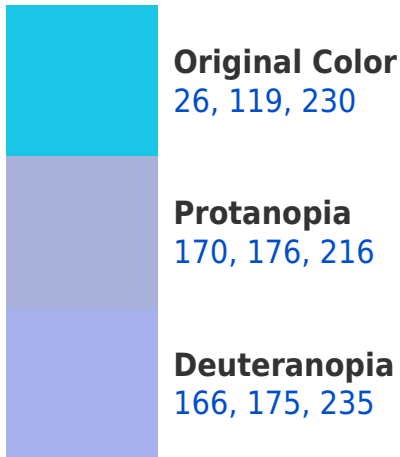


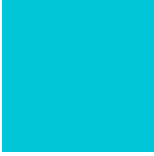
This preview shows how white text looks on a background with the RYB color 26, 119, 230.

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, 215

Trichromacy



Original Color

26, 119, 230



Protanomaly

118, 158, 221



Deuteranomaly

115, 159, 233



Tritanomaly

9, 109, 220

Monochromacy



Original Color

26, 119, 230



Achromatopsia

150, 150, 150



Achromatomaly

105, 139, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 119, 230 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, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(26, 197, 230)  
}
```

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, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 197, 230) }
```

Border

The CSS property to change the border of an element to RYB 26, 119, 230 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, 197, 230) }
```

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

```
.border{ border-color:rgb(26, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(26, 197,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 26, 197, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 197, 230) }
```

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

```
.background{ background-color: rgb(26, 197,  
230) }
```

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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