

Converting Colors

`RYB(26, 121, 230)`

Have a look what the booklet for
RYB(26, 121, 230) contains.

RYB(26, 121, 230)	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

$\text{RYB}(26, 121, 230)$

Conversions

Conversions Part 1

Format	Color
Hex	1ACCE6
RGB	26, 204, 230
RGB Percent	10%, 80%, 90%
CMY	0.8980, 0.2008, 0.0980
CMYK	0.89, 0.11, 0.00, 0.10
HSL	188°, 80%, 50%
HSV	188°, 89%, 90%
XYZ	36.2539, 49.0226, 82.4144
YIQ	153.7420, -114.4340, -29.6500

Conversions

Conversions Part 2

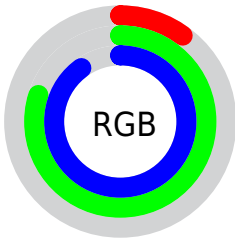
Format	Color
R _Y B	26, 121, 230
Decimal	1756390
CIE Lab	75.47, -31.64, -24.57
CIE LCh	75, 40.056, 217.834
Yxy	49.0226, 0.2162, 0.2923
Android (android.graphics.Color)	4279946470 (0xFF1ACCE6)
YUV	153.7420, 37.5952, -112.0297
Hunter-Lab	70.0162, -30.1023, -20.7776

Details

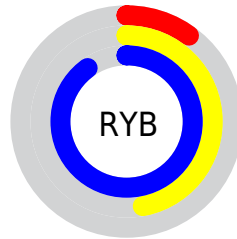
The RYB color **26, 121, 230** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **230, 56, 26**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **115, 185, 255**, and **0, 80, 174** is the 20% darker color. If you saturate the color by 10%, you get **3, 109, 230**, and if you desaturate by 10%, it is **49, 133, 230**.

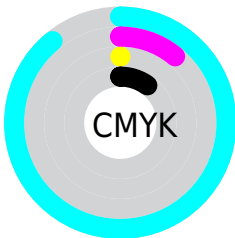
Distribution



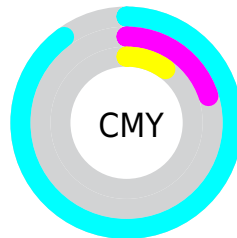
- Red (10%)
- Green (80%)
- Blue (90%)



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



- Cyan (89%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)




















- Cyan (90%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 121, 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, 121, 230 by changing the saturation by 10% instead.

 26, 121, 230	 26, 121, 230
 255, 255, 255	 0, 94, 202
 115, 185, 255	 0, 80, 174
 149, 202, 255	 0, 67, 148
 181, 218, 255	 0, 54, 122
 212, 234, 255	 0, 42, 97
 244, 250, 255	 0, 30, 73
	 0, 19, 50
	 0, 2, 29
	 0, 0, 0

■ 26, 121, 230

■ 26, 121, 230

■ 3, 109, 230

■ 49, 133, 230

■ 0, 107, 230

■ 72, 146, 230

■ 95, 158, 230

■ 118, 170, 230

■ 141, 183, 230

■ 164, 195, 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.



63, 137, 206



26, 121, 230



84, 152, 253

Triad

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



26, 121, 230



240, 161, 215



129, 201, 112

Complementary

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



26, 121, 230



230, 56, 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.



233, 227, 118



26, 121, 230



255, 157, 177

Square

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



26, 121, 230



203, 173, 244



254, 168, 142



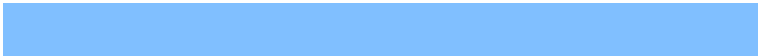
126, 197, 162

Rectangle

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



26, 121, 230



128, 170, 255



254, 168, 142



155, 213, 112

Sweetspot

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



26, 121, 230



186, 218, 255



26, 209, 230



87, 106, 128



0, 0, 0



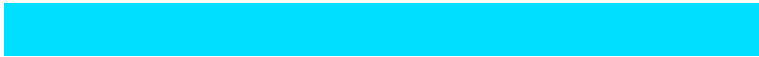
128, 128, 128

Same Dimension

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



26, 121, 230



0, 119, 255



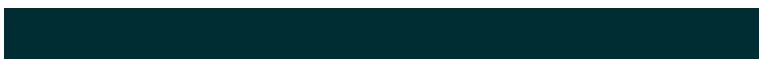
26, 82, 230



103, 108, 115



0, 83, 179



0, 24, 51

Inverse Universe

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



230, 26, 204



255, 0, 222



152, 230, 26



115, 103, 113



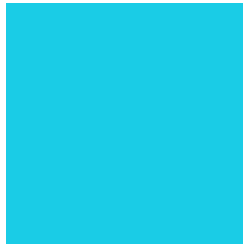
179, 0, 156



51, 0, 44

Previews

White Background



This preview shows how the RYB color 26, 121, 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, 121, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

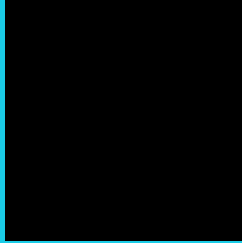
Any Text WCAG AA ✓ Pass

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, 121, 230 Background



This preview shows how black text looks on a background with the RYB color 26, 121, 230.

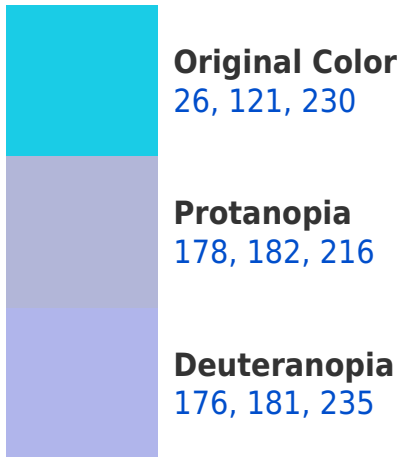


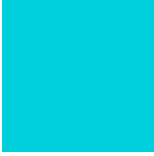
This preview shows how white text looks on a background with the RYB color 26, 121, 230.

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, 107, 222

Trichromacy



Original Color

26, 121, 230



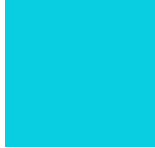
Protanomaly

123, 163, 221



Deuteranomaly

121, 163, 233



Tritanomaly

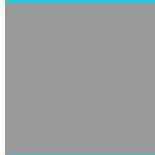
9, 112, 225

Monochromacy



Original Color

26, 121, 230



Achromatopsia

154, 154, 154



Achromatomaly

107, 142, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 121, 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, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(26, 204, 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, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 204, 230) }
```

Border

The CSS property to change the border of an element to RYB 26, 121, 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, 204, 230) }
```

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

```
.border{ border-color:rgb(26, 204, 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, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(26, 204,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 26, 121, 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, 204, 230) }
```

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

```
.background{ background-color: rgb(26, 204,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor