

Converting Colors

`RYB(26, 125, 230)`

Have a look what the booklet for
RYB(26, 125, 230) contains.

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Color

`RYB(26, 125, 230)`

Conversions

Conversions Part 1

Format	Color
Hex	1ADAE6
RGB	26, 218, 230
RGB Percent	10%, 85%, 90%
CMY	0.8980, 0.1438, 0.0980
CMYK	0.89, 0.05, 0.00, 0.10
HSL	183°, 80%, 50%
HSV	183°, 89%, 90%
XYZ	39.8693, 56.2536, 83.6196
YIQ	161.9600, -118.2840, -36.9720

Conversions

Conversions Part 2

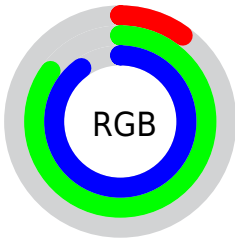
Format	Color
RYB	26, 125, 230
Decimal	1759974
CIELab	79.76, -38.46, -18.05
CIELCh	80, 42.489, 205.143
Yxy	56.2536, 0.2218, 0.3130
Android (android.graphics.Color)	4279950054 (0xFF1ADAE6)
YUV	161.9600, 33.5437, -119.2369
Hunter-Lab	75.0024, -36.3682, -13.6003

Details

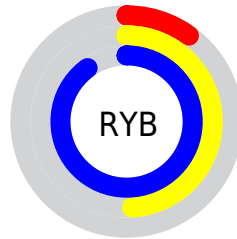
The RYB color **26, 125, 230** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **230, 39, 26**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **117, 186, 255**, and **0, 84, 175** is the 20% darker color. If you saturate the color by 10%, you get **3, 113, 230**, and if you desaturate by 10%, it is **49, 137, 230**.

Distribution



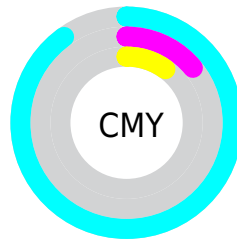
- Red (10%)
- Green (85%)
- Blue (90%)



- Red (10%)
- Yellow (49%)
- Blue (90%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)




















- Cyan (90%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 125, 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, 125, 230 by changing the saturation by 10% instead.

 26, 125, 230	 26, 125, 230
 255, 255, 255	 0, 98, 202
 117, 186, 255	 0, 84, 175
 151, 203, 255	 0, 71, 148
 183, 219, 255	 0, 58, 122
 215, 235, 255	 0, 45, 97
 247, 251, 255	 0, 33, 73
	 0, 22, 51
	 0, 2, 30
	 0, 0, 1

■ 26, 125, 230

■ 26, 125, 230

■ 3, 113, 230

■ 49, 137, 230

■ 0, 112, 230

■ 72, 149, 230

■ 95, 160, 230

■ 118, 172, 230

■ 141, 184, 230

■ 164, 196, 230

■ 187, 208, 230

■ 210, 220, 230

■ 233, 230, 230

Harmonies

Analogous

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



90, 162, 218



26, 125, 230



54, 143, 255

Triad

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



26, 125, 230



242, 176, 243



173, 230, 118

Complementary

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



26, 125, 230



230, 39, 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.



255, 206, 134



26, 125, 230



255, 167, 206

Square

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



26, 125, 230



193, 190, 255



255, 169, 166



125, 205, 140

Rectangle

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



26, 125, 230



104, 165, 255



255, 169, 166



216, 241, 121

Sweetspot

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



26, 125, 230



186, 219, 255



26, 220, 230



87, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



26, 125, 230



0, 124, 255



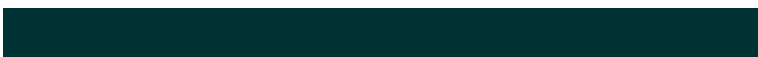
26, 89, 230



103, 109, 115



0, 87, 179



0, 25, 51

Inverse Universe

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



230, 26, 218



255, 0, 240



194, 230, 26



115, 103, 114



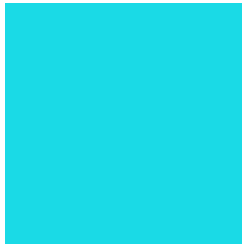
179, 0, 168



51, 0, 48

Previews

White Background



This preview shows how the RYB color 26, 125, 230 looks on a white background.

Color Contrast Check

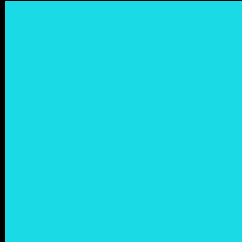
Large Text (above 18pt) WCAG AA × Fail

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, 125, 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, 125, 230 Background



This preview shows how black text looks on a background with the RYB color 26, 125, 230.

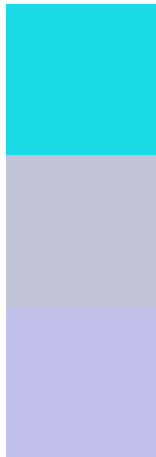


This preview shows how white text looks on a background with the RYB color 26, 125, 230.

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](#).

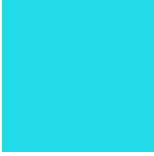
Dichromacy



Original Color
26, 125, 230

Protanopia
194, 195, 215

Deuteranopia
195, 192, 236



Tritanopia
35, 131, 235

Trichromacy



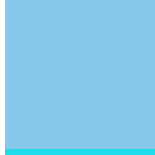
Original Color

26, 125, 230



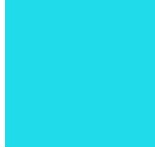
Protanomaly

133, 172, 220



Deuteranomaly

134, 174, 234



Tritanomaly

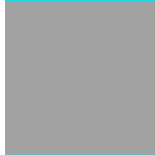
32, 129, 233

Monochromacy



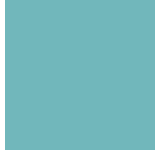
Original Color

26, 125, 230



Achromatopsia

162, 162, 162



Achromatomaly

113, 149, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 125, 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, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(26, 218, 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, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 218, 230) }
```

Border

The CSS property to change the border of an element to RYB 26, 125, 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, 218, 230) }
```

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

```
.border{ border-color:rgb(26, 218, 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, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(26, 218,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 26, 125, 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, 218, 230) }
```

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

```
.background{ background-color: rgb(26, 218,  
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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