

Converting Colors

`RYB(15, 122, 220)`

Have a look what the booklet for
RYB(15, 122, 220) contains.

RYB(15, 122, 220)	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(15, 122, 220)`

Conversions

Conversions Part 1

Format	Color
Hex	0FDCCB
RGB	15, 220, 203
RGB Percent	6%, 86%, 80%
CMY	0.9412, 0.1373, 0.2049
CMYK	0.93, 0.00, 0.08, 0.14
HSL	175°, 87%, 46%
HSV	175°, 93%, 86%
XYZ	36.5408, 55.5882, 65.1519
YIQ	156.7670, -116.7230, -48.7470

Conversions

Conversions Part 2

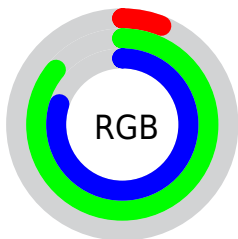
Format	Color
RYB	15, 122, 220
Decimal	1039563
CIELab	79.38, -47.55, -4.09
CIELCh	79, 47.725, 184.913
Yxy	55.5882, 0.2323, 0.3534
Android (android.graphics.Color)	4279229643 (0xFF0FDCCB)
YUV	156.7670, 22.7929, -124.3297
Hunter-Lab	74.5575, -42.9924, 0.3798

Details

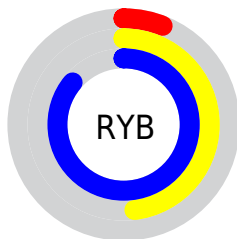
The RYB color **15, 122, 220** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **220, 15, 32**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **112, 184, 255**, and **0, 86, 164** is the 20% darker color. If you saturate the color by 10%, you get **0, 115, 220**, and if you desaturate by 10%, it is **37, 132, 220**.

Distribution



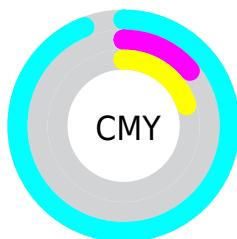
- Red (6%)
- Green (86%)
- Blue (80%)



- Red (6%)
- Yellow (48%)
- Blue (86%)



- Cyan (93%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)




















- Cyan (94%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 15, 122, 220 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 15, 122, 220 by changing the saturation by 10% instead.

 15, 122, 220	 15, 122, 220
 255, 255, 255	 0, 100, 192
 112, 184, 255	 0, 86, 164
 145, 200, 255	 0, 72, 137
 177, 216, 255	 0, 59, 111
 209, 232, 255	 0, 45, 85
 240, 248, 255	 0, 33, 61
	 0, 22, 39
	 0, 0, 7
	 0, 0, 0

■ 15, 122, 220

■ 15, 122, 220

■ 0, 115, 220

■ 37, 132, 220

■ 59, 143, 220

■ 81, 154, 220

■ 103, 164, 220

■ 125, 175, 220

■ 147, 185, 220

■ 169, 196, 220

■ 191, 206, 220

■ 213, 217, 220

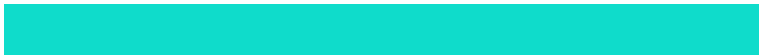
Harmonies

Analogous

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



114, 187, 217



15, 122, 220



0, 116, 246

Triad

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



15, 122, 220



211, 182, 255



255, 236, 117

Complementary

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



15, 122, 220



220, 15, 32

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, 171, 148



15, 122, 220



255, 167, 235

Square

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



15, 122, 220



140, 179, 255



255, 161, 191



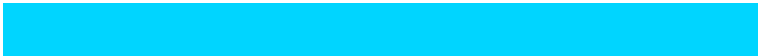
133, 218, 106

Rectangle

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



15, 122, 220



0, 116, 255



255, 161, 191



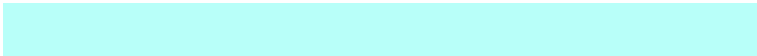
255, 209, 125

Sweetspot

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



15, 122, 220



184, 221, 255



15, 220, 199



84, 107, 128



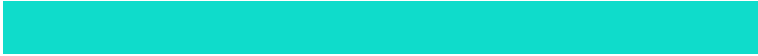
0, 0, 0



128, 128, 128

Same Dimension

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



15, 122, 220



0, 133, 255



15, 92, 220



99, 105, 110



0, 90, 173



0, 24, 46

Inverse Universe

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



220, 15, 32



255, 0, 21



220, 152, 15



110, 99, 100



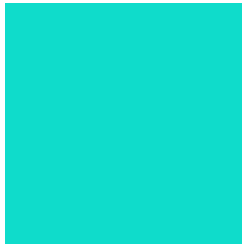
173, 0, 15



46, 0, 4

Previews

White Background



This preview shows how the RYB color 15, 122, 220 looks on a white background.

Color Contrast Check

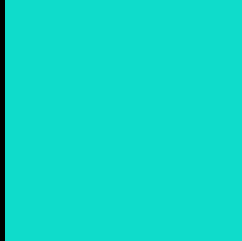
Large Text (above 18pt) WCAG AA × Fail

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 15, 122, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

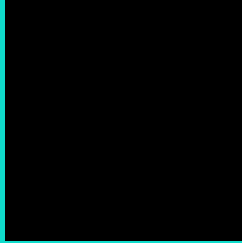
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

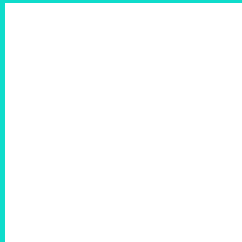
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 15, 122, 220 Background



This preview shows how black text looks on a background with the RGB color 15, 122, 220.

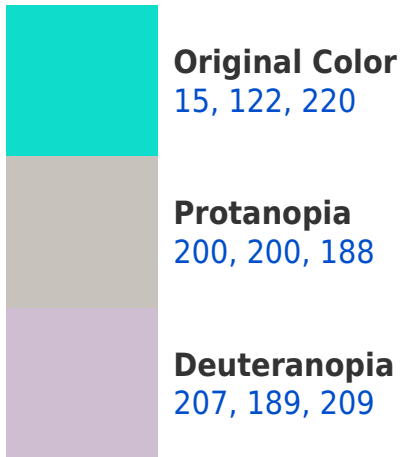


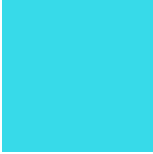
This preview shows how white text looks on a background with the RGB color 15, 122, 220.

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](#).

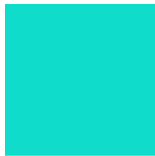
Dichromacy





Tritanopia
55, 140, 233

Trichromacy



Original Color

15, 122, 220



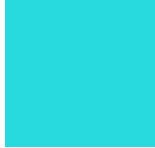
Protanomaly

133, 171, 203



Deuteranomaly

137, 170, 207



Tritanomaly

40, 130, 222

Monochromacy



Original Color

15, 122, 220



Achromatopsia

157, 157, 157



Achromatomaly

105, 144, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 15, 122, 220 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(15, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(15, 220, 203)  
}
```

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(15, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 220, 203) }
```

Border

The CSS property to change the border of an element to RYB 15, 122, 220 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(15, 220, 203) }
```

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

```
.border{ border-color:rgb(15, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(15, 220,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 15, 220, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 220, 203) }
```

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

```
.background{ background-color: rgb(15, 220,  
203) }
```

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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