

Converting Colors

`RYB(14, 120, 192)`

Have a look what the booklet for
RYB(14, 120, 192) contains.

RYB(14, 120, 192)	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

$\text{RYB}(14, 120, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	0EC087
RGB	14, 192, 135
RGB Percent	5%, 75%, 53%
CMY	0.9451, 0.2471, 0.4710
CMYK	0.93, 0.00, 0.30, 0.25
HSL	161°, 86%, 40%
HSV	161°, 93%, 75%
XYZ	23.3973, 39.5392, 29.2855
YIQ	132.2800, -87.7910, -55.4630

Conversions

Conversions Part 2

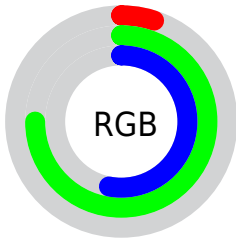
Format	Color
RYB	14, 120, 192
Decimal	966791
CIELab	69.14, -53.62, 17.69
CIELCh	69, 56.465, 161.739
Yxy	39.5392, 0.2537, 0.4287
Android (android.graphics.Color)	4279156871 (0xFF0EC087)
YUV	132.2800, 1.3410, -103.7316
Hunter-Lab	62.8802, -43.6219, 16.4027

Details

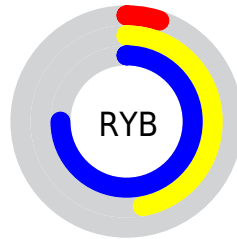
The RYB color **14, 120, 192** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **192, 14, 71**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **101, 194, 249**, and **0, 85, 137** is the 20% darker color. If you saturate the color by 10%, you get **0, 114, 192**, and if you desaturate by 10%, it is **33, 128, 192**.

Distribution



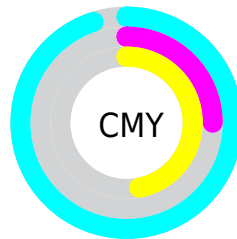
- Red (5%)
- Green (75%)
- Blue (53%)



- Red (5%)
- Yellow (47%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)




- Cyan (95%)
- Magenta (25%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 14, 120, 192 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 14, 120, 192 by changing the saturation by 10% instead.

 14, 120, 192

255, 255, 255


 101, 194, 249

 133, 206, 255

 163, 212, 255

 194, 225, 255

 224, 240, 255

 14, 120, 192


 0, 99, 164

 0, 85, 137


 0, 72, 111

 0, 58, 85


 0, 46, 60


 0, 38, 38


 0, 0, 0


 14, 120, 192


 0, 114, 192


 14, 120, 192

 33, 128, 192

 52, 135, 192

 72, 144, 192


 91, 151, 192

 110, 159, 192

 129, 166, 192

 148, 174, 192

 168, 182, 192

 187, 190, 192

Harmonies

Analogous

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



89, 185, 152



14, 120, 192



0, 99, 194

Triad

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



14, 120, 192



114, 153, 255



254, 145, 103

Complementary

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



14, 120, 192



192, 14, 71

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, 124, 151



14, 120, 192



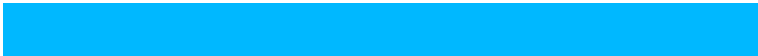
198, 147, 246

Square

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



14, 120, 192



0, 107, 255



246, 129, 202



191, 223, 69

Rectangle

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



14, 120, 192



0, 103, 221



246, 129, 202



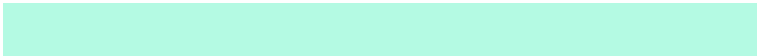
255, 131, 118

Sweetspot

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



14, 120, 192



180, 222, 250



14, 192, 133



82, 108, 125



252, 252, 252



125, 125, 125

Same Dimension

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



14, 120, 192



0, 149, 250



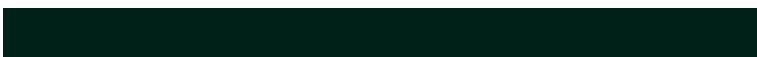
14, 95, 192



87, 93, 97



0, 96, 161



0, 19, 33

Inverse Universe

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



192, 14, 71



250, 0, 80



192, 50, 14



97, 87, 90



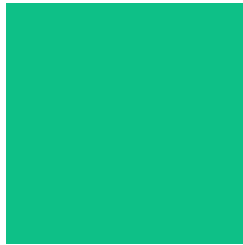
161, 0, 52



33, 0, 11

Previews

White Background



This preview shows how the RYB color 14, 120, 192 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 14, 120, 192 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 14, 120, 192 Background



This preview shows how black text looks on a background with the RGB color 14, 120, 192.

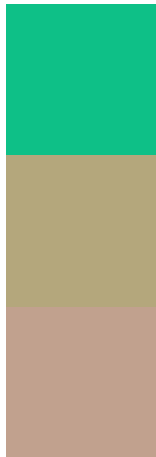


This preview shows how white text looks on a background with the RGB color 14, 120, 192.

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](#).

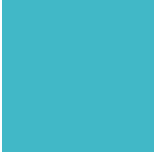
Dichromacy



Original Color
14, 120, 192

Protanopia
141, 180, 124

Deuteranopia
193, 172, 142



Tritanopia
65, 128, 199

Trichromacy



Original Color

14, 120, 192



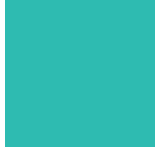
Protanomaly

120, 169, 176



Deuteranomaly

128, 163, 172



Tritanomaly

46, 119, 187

Monochromacy



Original Color

14, 120, 192



Achromatopsia

132, 132, 132



Achromatomaly

89, 128, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 14, 120, 192 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(14, 192, 135)` looks like.

```
.text, #text, p{  
    color:rgb(14, 192, 135)  
}
```

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(14, 192, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 192, 135) }
```

Border

The CSS property to change the border of an element to RYB 14, 120, 192 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(14, 192, 135) }
```

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

```
.border{ border-color:rgb(14, 192, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 192, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(14, 192,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 14, 120, 192 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 192, 135) }
```

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

```
.background{ background-color: rgb(14, 192,  
135) }
```

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