

Converting Colors

`RYB(14, 121, 174)`

Have a look what the booklet for
RYB(14, 121, 174) contains.

RYB(14, 121, 174)	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(14, 121, 174)`

Conversions

Conversions Part 1	
Format	Color
Hex	0EAE5D
RGB	14, 174, 93
RGB Percent	5%, 68%, 36%
CMY	0.9451, 0.3176, 0.6343
CMYK	0.92, 0.00, 0.46, 0.32
HSL	150°, 85%, 37%
HSV	150°, 92%, 68%
XYZ	17.3041, 31.1603, 15.5171
YIQ	116.9260, -69.3590, -59.1110

Conversions

Conversions Part 2

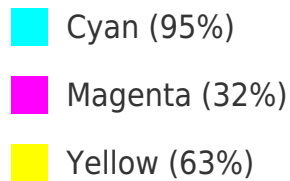
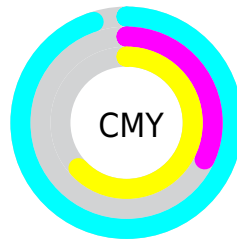
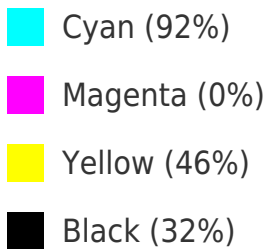
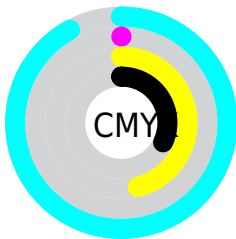
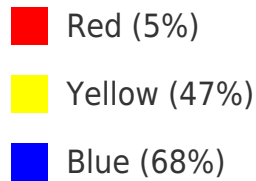
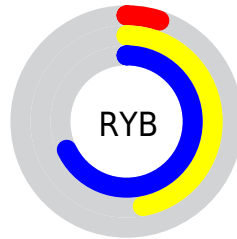
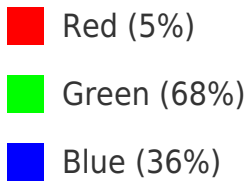
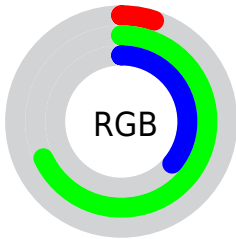
Format	Color
RYB	14, 121, 174
Decimal	962141
CIELab	62.64, -55.59, 31.12
CIELCh	63, 63.713, 150.758
Yxy	31.1603, 0.2705, 0.4870
Android (android.graphics.Color)	4279152221 (0xFF0EAE5D)
YUV	116.9260, -11.7955, -90.2661
Hunter-Lab	55.8214, -42.3540, 22.5936

Details

The RYB color **14, 121, 174** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **174, 14, 95**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **96, 196, 231**, and **0, 87, 120** is the 20% darker color. If you saturate the color by 10%, you get **0, 116, 174**, and if you desaturate by 10%, it is **31, 127, 174**.


Distribution




Brightness & Saturation Gradients

These gradients show how the RYB color 14, 121, 174 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, 121, 174 by changing the saturation by 10% instead.

 14, 121, 174

255, 255, 255

 96, 195, 231


 127, 222, 255

 156, 225, 255

 186, 229, 255

 216, 236, 255

 247, 251, 255

 14, 121, 174

 0, 100, 147

 0, 87, 120


 0, 77, 94

 0, 69, 69


 0, 47, 47


 0, 17, 17


 0, 0, 0


 14, 121, 174


 0, 116, 174


 14, 121, 174

 31, 127, 174

 49, 133, 174

 66, 138, 174


 84, 144, 174

 101, 150, 174

 118, 155, 174

 136, 161, 174

 153, 167, 174

 171, 173, 174

Harmonies

Analogous

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



43, 165, 86



14, 121, 174



0, 96, 178

Triad

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



14, 121, 174



0, 98, 255



249, 105, 97

Complementary

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



14, 121, 174



174, 14, 95

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.



251, 96, 152



14, 121, 174



153, 136, 249

Square

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



14, 121, 174



0, 102, 250



221, 111, 208



223, 189, 50

Rectangle

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



14, 121, 174



0, 92, 190



221, 111, 208



253, 100, 115

Sweetspot

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



14, 121, 174



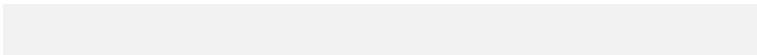
163, 206, 227



14, 174, 91



76, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



14, 121, 174



0, 152, 227



14, 95, 174



78, 84, 87



0, 100, 150



0, 16, 23

Inverse Universe

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



174, 14, 95



227, 0, 115



174, 14, 17



87, 78, 82



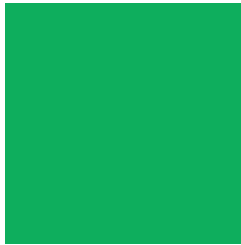
150, 0, 76



23, 0, 12

Previews

White Background



This preview shows how the RYB color 14, 121, 174 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, 121, 174 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 14, 121, 174 Background



This preview shows how black text looks on a background with the RYB color 14, 121, 174.



This preview shows how white text looks on a background with the RYB color 14, 121, 174.

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

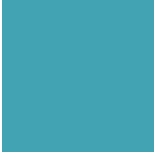
14, 121, 174

Protanopia

103, 165, 85

Deuteranopia

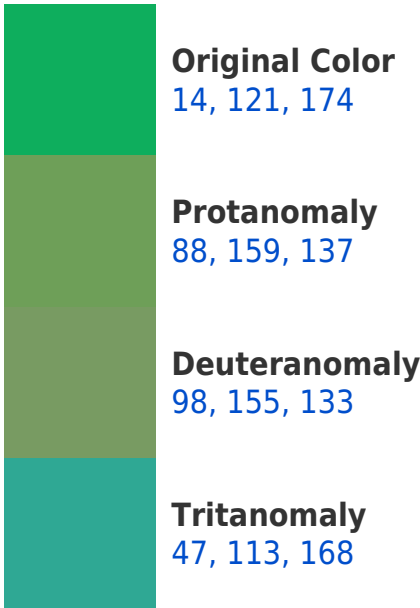
167, 180, 101



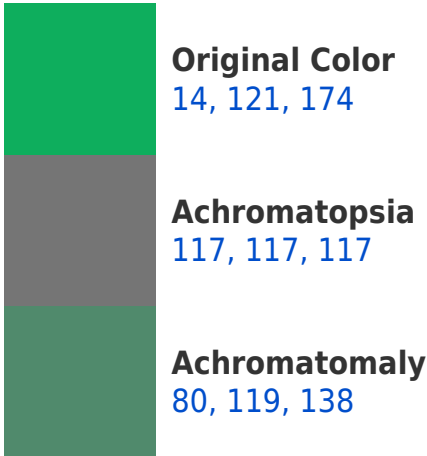
Tritanopia

66, 118, 178

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 14, 121, 174 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, 174, 93)` looks like.

```
.text, #text, p{  
    color:rgb(14, 174, 93)  
}
```

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, 174, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 174, 93) }
```

Border

The CSS property to change the border of an element to RYB 14, 121, 174 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, 174, 93) }
```

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

```
.border{ border-color:rgb(14, 174, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 174, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 174, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 174, 93);  
box-shadow:4px 4px 4px 4px rgb(14, 174,  
93) }
```

Background

The CSS property to change the background color of an element to RGB 14, 121, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 174, 93) }
```

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

```
.background{ background-color: rgb(14, 174,  
93) }
```

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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