

Converting Colors

`RYB(114, 179, 136)`

Have a look what the booklet for
RYB(114, 179, 136) contains.

RYB(114, 179, 136)	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

R_YB(114, 179, 136)

Conversions

Conversions Part 1

Format	Color
Hex	9DB372
RGB	157, 179, 114
RGB Percent	62%, 70%, 45%
CMY	0.3843, 0.2980, 0.5529
CMYK	0.12, 0.00, 0.36, 0.30
HSL	80°, 30%, 57%
HSV	80°, 36%, 70%
XYZ	33.0620, 40.6232, 22.0181
YIQ	165.0120, 7.7530, -24.8790

Conversions

Conversions Part 2

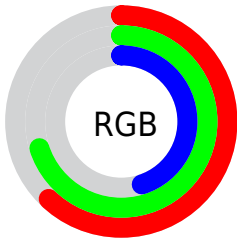
Format	Color
RYB	114, 179, 136
Decimal	10335090
CIELab	69.91, -18.66, 30.73
CIElCh	70, 35.955, 121.273
Yxy	40.6232, 0.3455, 0.4245
Android (android.graphics.Color)	4288525170 (0xFF9DB372)
YUV	165.0120, -25.1489, -7.0265
Hunter-Lab	63.7363, -18.9452, 24.1333

Details

The RYB color **114, 179, 136** is a light color, and the websafe version is hex **999966**. A complement of this color would be **136, 114, 179**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **167, 235, 190**, and **65, 126, 86** is the 20% darker color. If you saturate the color by 10%, you get **96, 179, 124**, and if you desaturate by 10%, it is **132, 179, 148**.

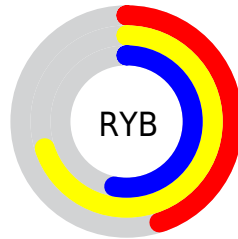
Distribution



Red (62%)

Green (70%)

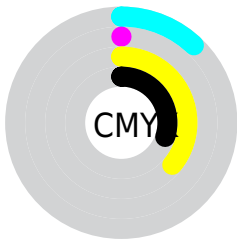
Blue (45%)



Red (45%)

Yellow (70%)

Blue (53%)

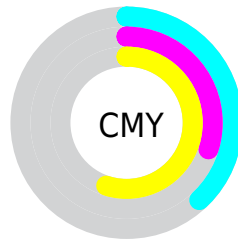


Cyan (12%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (38%)


Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 179, 136 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 114, 179, 136 by changing the saturation by 10% instead.

 114, 179, 136


255, 255, 255


 167, 235, 190

 194, 255, 208


 222, 255, 222

 251, 255, 251

 114, 179, 136

 89, 152, 111

 65, 126, 86


 41, 101, 62


 18, 77, 40


 0, 54, 21

 0, 33, 27

 0, 0, 0

 114, 179, 136

 96, 179, 124

 114, 179, 136

 132, 179, 148

■ 78, 179, 112

■ 150, 179, 160

■ 60, 179, 100

■ 168, 179, 172

■ 42, 179, 88

■ 181, 179, 186

■ 25, 179, 77

■ 187, 179, 204

■ 7, 179, 65

■ 193, 179, 221

■ 0, 179, 61

■ 199, 179, 239

■ 205, 179, 255

■ 212, 179, 255

Harmonies

Analogous

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



135, 191, 105



114, 179, 136



118, 171, 186

Triad

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



114, 179, 136



73, 137, 227



232, 146, 171

Complementary

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



114, 179, 136



136, 114, 179

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.



213, 151, 203



114, 179, 136



127, 160, 236

Square

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



114, 179, 136



44, 120, 204



177, 162, 227



233, 150, 139

Rectangle

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



114, 179, 136



90, 147, 188



177, 162, 227



228, 147, 182

Sweetspot

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



114, 179, 136



207, 232, 216



179, 147, 114



102, 117, 107



245, 245, 245



117, 117, 117

Same Dimension

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



114, 179, 136



130, 232, 165



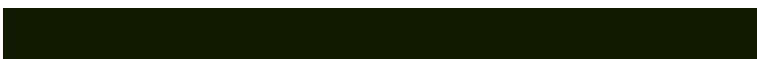
114, 179, 168



80, 89, 83



0, 153, 52



0, 26, 9

Inverse Universe

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



136, 114, 179



165, 130, 232



168, 114, 179



83, 80, 89



52, 0, 153



9, 0, 26

Previews

White Background



This preview shows how the RYB color 114, 179, 136 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 114, 179, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

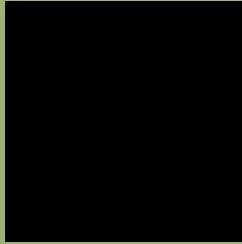
Any Text WCAG AA ✓ Pass

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 114, 179, 136 Background



This preview shows how black text looks on a background with the RYB color 114, 179, 136.

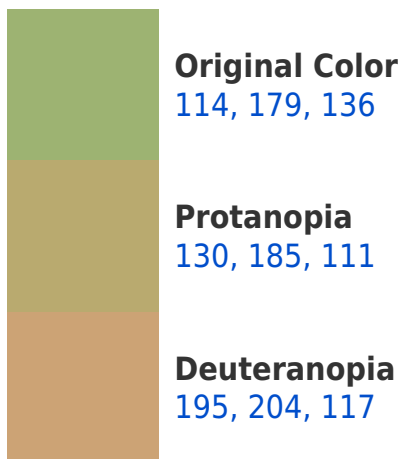


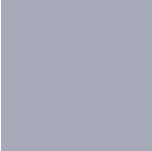
This preview shows how white text looks on a background with the RYB color 114, 179, 136.

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
166, 169, 184

Trichromacy



Original Color

114, 179, 136

Protanomaly

114, 175, 112

Deuteranomaly

140, 187, 116

Tritanomaly

159, 173, 169

Monochromacy



Original Color

114, 179, 136

Achromatopsia

165, 165, 165

Achromatomaly

146, 170, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 179, 136 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(157, 179, 114)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 114)  
}
```

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(157, 179, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 179, 136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

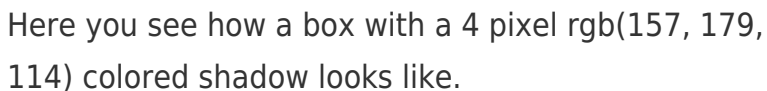
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 179, 114) }
```

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

```
.border{ border-color:rgb(157, 179, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 179, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 179, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 179, 114);  
box-shadow:4px 4px 4px 4px rgb(157, 179,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 179, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 114) }
```

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

```
.background{ background-color: rgb(157,  
179, 114) }
```

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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