

Converting Colors

`RYB(114, 209, 138)`

Have a look what the booklet for
RYB(114, 209, 138) contains.

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Color

R_YB(114, 209, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B9D172
RGB	185, 209, 114
RGB Percent	73%, 82%, 45%
CMY	0.2745, 0.1804, 0.5529
CMYK	0.11, 0.00, 0.45, 0.18
HSL	75°, 51%, 63%
HSV	75°, 45%, 82%
XYZ	45.8453, 57.1301, 24.5305
YIQ	190.9940, 16.1910, -34.6330

Conversions

Conversions Part 2

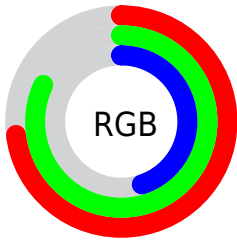
Format	Color
RYB	114, 209, 138
Decimal	12177778
CIELab	80.25, -22.76, 44.26
CIELCh	80, 49.766, 117.215
Yxy	57.1301, 0.3596, 0.4481
Android (android.graphics.Color)	4290367858 (0xFFB9D172)
YUV	190.9940, -37.9580, -5.2567
Hunter-Lab	75.5845, -24.0047, 33.6669

Details

The RYB color **114, 209, 138** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **138, 114, 209**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **168, 255, 181**, and **63, 155, 88** is the 20% darker color. If you saturate the color by 10%, you get **93, 209, 122**, and if you desaturate by 10%, it is **135, 209, 154**.

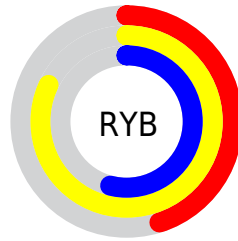
Distribution



Red (73%)

Green (82%)

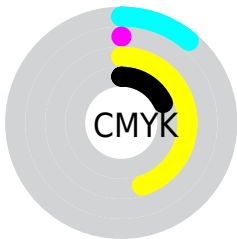
Blue (45%)



Red (45%)

Yellow (82%)

Blue (54%)

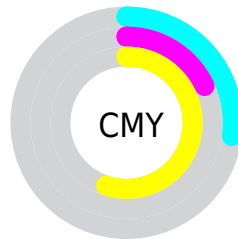


Cyan (11%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 209, 138 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, 209, 138 by changing the saturation by 10% instead.

 114, 209, 138

255, 255, 255


 168, 255, 181

 195, 255, 195

 224, 255, 224

253, 255, 253

 114, 209, 138

 88, 181, 112

 63, 155, 88

 38, 128, 62

 8, 103, 33

 0, 79, 26

 0, 56, 28

 0, 35, 35

 0, 2, 2

 0, 0, 0

■ 114, 209, 138

■ 114, 209, 138

■ 93, 209, 122

■ 135, 209, 154

■ 72, 209, 107

■ 156, 209, 169

■ 51, 209, 91

■ 177, 209, 185

■ 30, 209, 75

■ 198, 209, 201

■ 10, 209, 60

■ 211, 209, 219

■ 0, 209, 53

■ 217, 209, 239

■ 222, 209, 255

■ 227, 209, 255

■ 233, 209, 255

Harmonies

Analogous

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



157, 232, 105



114, 209, 138



129, 203, 218

Triad

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



114, 209, 138



0, 117, 255



255, 162, 205

Complementary

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



114, 209, 138



138, 114, 209

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.



253, 172, 250



114, 209, 138



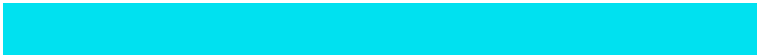
115, 170, 255

Square

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



114, 209, 138



0, 116, 240



197, 189, 255



255, 165, 159

Rectangle

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



114, 209, 138



80, 164, 222



197, 189, 255



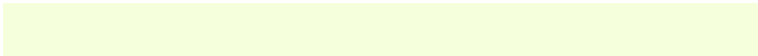
255, 164, 221

Sweetspot

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



114, 209, 138



219, 255, 228



209, 146, 114



106, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



114, 209, 138



115, 255, 150



114, 209, 185



94, 105, 97



0, 168, 42



0, 41, 11

Inverse Universe

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



138, 114, 209



150, 115, 255



185, 114, 209



97, 94, 105



43, 0, 168



10, 0, 41

Previews

White Background



This preview shows how the RYB color 114, 209, 138 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, 209, 138 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, 209, 138 Background



This preview shows how black text looks on a background with the RYB color 114, 209, 138.

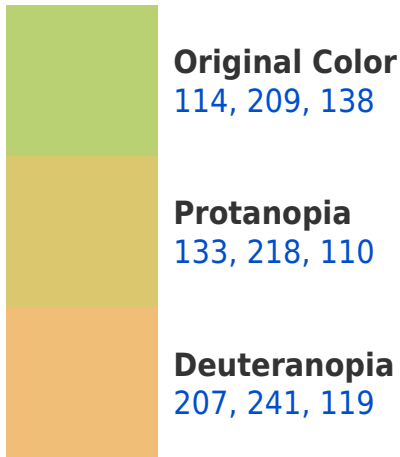


This preview shows how white text looks on a background with the RYB color 114, 209, 138.

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
197, 198, 213

Trichromacy



Original Color

114, 209, 138

Protanomaly

114, 206, 111

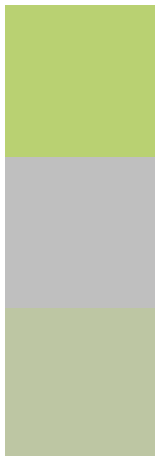
Deuteranomaly

148, 221, 117

Tritanomaly

177, 202, 186

Monochromacy



Original Color

114, 209, 138

Achromatopsia

191, 191, 191

Achromatomaly

163, 198, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 209, 138 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(185, 209, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 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(185, 209, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 209, 138 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(185, 209, 114) }
```

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

```
.border{ border-color:rgb(185, 209, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 114);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 209, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 114) }
```

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

```
.background{ background-color: rgb(185,  
209, 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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