

Converting Colors

`RYB(148, 209, 114)`

Have a look what the booklet for
RYB(148, 209, 114) contains.

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Color

R_YB(148, 209, 114)

Conversions

Conversions Part 1

Format	Color
Hex	D1B872
RGB	209, 184, 114
RGB Percent	82%, 72%, 45%
CMY	0.1804, 0.2786, 0.5529
CMYK	0.00, 0.12, 0.45, 0.18
HSL	44°, 51%, 63%
HSV	44°, 45%, 82%
XYZ	46.4642, 49.0351, 22.9354
YIQ	183.4950, 37.3700, -16.4700

Conversions

Conversions Part 2

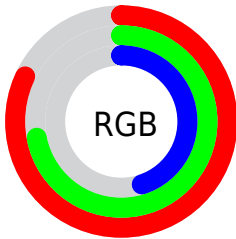
Format	Color
RYB	148, 209, 114
Decimal	13744242
CIELab	75.47, -0.40, 38.71
CIELCh	75, 38.715, 90.594
Yxy	49.0351, 0.3923, 0.4140
Android (android.graphics.Color)	4291934322 (0xFFD1B872)
YUV	183.4950, -34.2610, 22.3679
Hunter-Lab	70.0251, -4.1026, 29.5982

Details

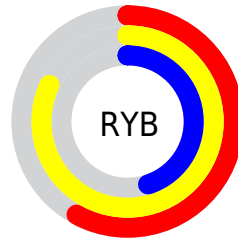
The RYB color **148, 209, 114** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **114, 134, 209**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **185, 255, 167**, and **93, 153, 64** is the 20% darker color. If you saturate the color by 10%, you get **135, 209, 93**, and if you desaturate by 10%, it is **162, 209, 135**.

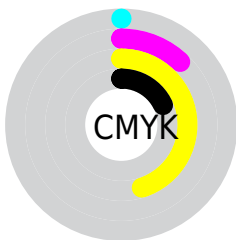
Distribution



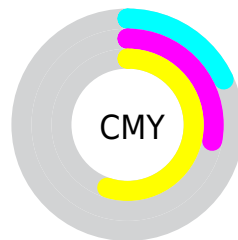
- Red (82%)
- Green (72%)
- Blue (45%)



- Red (58%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 209, 114 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 148, 209, 114 by changing the saturation by 10% instead.

 148, 209, 114

255, 255, 255


 185, 255, 167

 194, 255, 194

 223, 255, 223

 251, 255, 251

 148, 209, 114

 121, 181, 89

 93, 153, 64

 66, 126, 40

 36, 99, 15

 19, 74, 0

 14, 49, 0

 8, 24, 0

 0, 0, 0

 148, 209, 114

 148, 209, 114

■ 135, 209, 93

■ 162, 209, 135

■ 121, 209, 72

■ 175, 209, 156

■ 108, 209, 51

■ 190, 209, 177

■ 94, 209, 30

■ 202, 209, 198

■ 82, 209, 10

■ 209, 211, 219

■ 75, 209, 0

■ 209, 215, 239

■ 209, 220, 255

■ 209, 222, 255

■ 209, 225, 255

Harmonies

Analogous

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



238, 205, 125



148, 209, 114



123, 195, 146

Triad

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



148, 209, 114



45, 129, 221



232, 164, 222

Complementary

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



148, 209, 114



114, 134, 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.



191, 176, 247



148, 209, 114



76, 148, 247

Square

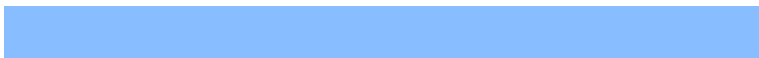
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



148, 209, 114



83, 149, 205



136, 173, 255



253, 158, 187

Rectangle

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



148, 209, 114



139, 200, 195



136, 173, 255



220, 168, 232

Sweetspot

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



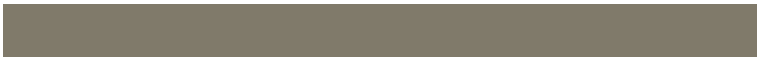
148, 209, 114



231, 255, 219



209, 114, 139



114, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



148, 209, 114



165, 255, 115



114, 209, 136



98, 105, 94



60, 168, 0



15, 41, 0

Inverse Universe

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



114, 134, 209



115, 144, 255



136, 114, 209



94, 96, 105



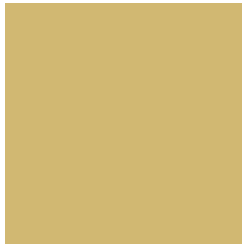
0, 35, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 148, 209, 114 looks on a white background.

Color Contrast Check

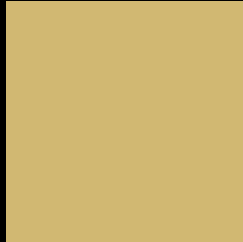
Large Text (above 18pt) WCAG AA × Fail

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 148, 209, 114 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](#).

R Y B 148, 209, 114 Background



This preview shows how black text looks on a background with the RYB color 148, 209, 114.



This preview shows how white text looks on a background with the RYB color 148, 209, 114.

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
148, 209, 114

Protanopia
136, 203, 115

Deuteranopia
197, 225, 115



Tritanopia
216, 175, 189

Trichromacy



Original Color

148, 209, 114

Protanomaly

141, 205, 115

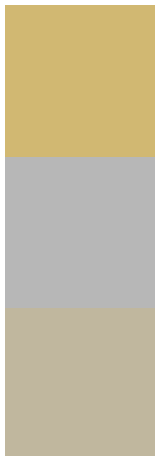
Deuteranomaly

177, 219, 115

Tritanomaly

213, 185, 162

Monochromacy



Original Color

148, 209, 114

Achromatopsia

183, 183, 183

Achromatomaly

170, 192, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 209, 114 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(209, 184, 114)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 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(209, 184, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 114) }
```

Border

The CSS property to change the border of an element to RYB 148, 209, 114 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(209, 184, 114) }
```

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

```
.border{ border-color:rgb(209, 184, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 114);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 148, 209, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 114) }
```

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

```
.background{ background-color: rgb(209,  
184, 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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