

Converting Colors

`RYB(162, 218, 122)`

Have a look what the booklet for
RYB(162, 218, 122) contains.

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Color

R_YB(162, 218, 122)

Conversions

Conversions Part 1

Format	Color
Hex	DABE7A
RGB	218, 190, 122
RGB Percent	85%, 75%, 48%
CMY	0.1451, 0.2558, 0.5216
CMYK	0.00, 0.13, 0.44, 0.15
HSL	42°, 56%, 67%
HSV	42°, 44%, 85%
XYZ	50.7888, 53.0356, 25.9724
YIQ	190.6200, 38.5160, -15.2120

Conversions

Conversions Part 2

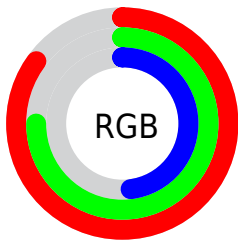
Format	Color
RYB	162, 218, 122
Decimal	14335610
CIELab	77.90, 1.01, 37.85
CIELCh	78, 37.867, 88.465
Yxy	53.0356, 0.3913, 0.4086
Android (android.graphics.Color)	4292525690 (0xFFDABE7A)
YUV	190.6200, -33.8297, 24.0123
Hunter-Lab	72.8256, -2.9582, 29.8328

Details

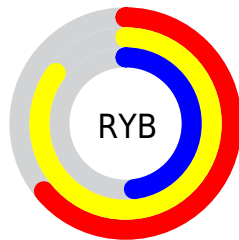
The RYB color **162, 218, 122** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **122, 144, 218**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **185, 255, 175**, and **105, 161, 72** is the 20% darker color. If you saturate the color by 10%, you get **150, 218, 100**, and if you desaturate by 10%, it is **175, 218, 144**.

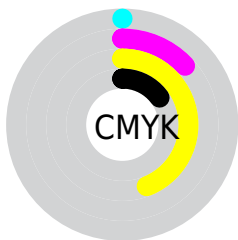
Distribution



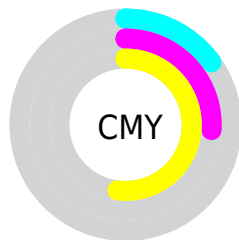
- Red (85%)
- Green (75%)
- Blue (48%)



- Red (64%)
- Yellow (85%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (44%)
- Black (15%)



- Cyan (15%)
- Magenta (26%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 218, 122 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 162, 218, 122 by changing the saturation by 10% instead.

 162, 218, 122

255, 255, 255

 185, 255, 175


 203, 255, 203


 231, 255, 231

 162, 218, 122

 132, 189, 96


 105, 161, 72

 79, 134, 48

 50, 107, 24

 22, 81, 0

 19, 56, 0

 15, 32, 0

 0, 0, 0

 162, 218, 122

 162, 218, 122

150, 218, 100

175, 218, 144

136, 218, 78

187, 218, 166

123, 218, 57

200, 218, 187

112, 218, 35

214, 218, 209

98, 218, 13

218, 221, 231

91, 218, 0

218, 226, 253

218, 230, 255

218, 232, 255

218, 234, 255

Harmonies

Analogous

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



246, 206, 134



162, 218, 122



130, 201, 149

Triad

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



162, 218, 122



65, 141, 225



235, 172, 230

Complementary

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



162, 218, 122



122, 144, 218

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.



194, 184, 254



162, 218, 122



86, 155, 251

Square

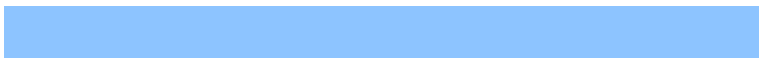
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 218, 122



97, 160, 211



141, 178, 255



255, 166, 196

Rectangle

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



162, 218, 122



145, 206, 197



141, 178, 255



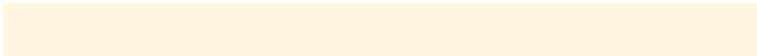
224, 176, 239

Sweetspot

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



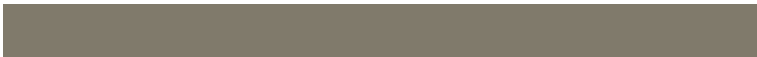
162, 218, 122



236, 255, 222



218, 122, 151



115, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



162, 218, 122



177, 255, 120



122, 218, 141



105, 110, 99



72, 173, 0



20, 46, 0

Inverse Universe

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



122, 144, 218



120, 151, 255



141, 122, 218



99, 101, 110



0, 39, 173



0, 10, 46

Previews

White Background



This preview shows how the RYB color 162, 218, 122 looks on a white background.

Color Contrast Check

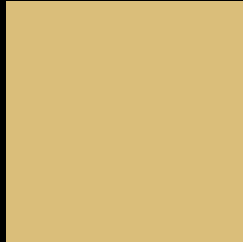
Large Text (above 18pt) WCAG AA × Fail

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 162, 218, 122 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 162, 218, 122 Background



This preview shows how black text looks on a background with the RYB color 162, 218, 122.



This preview shows how white text looks on a background with the RYB color 162, 218, 122.

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
162, 218, 122

Protanopia
144, 210, 123

Deuteranopia
209, 232, 123



Tritanopia
225, 181, 195

Trichromacy



Original Color
162, 218, 122

Protanomaly
150, 213, 123

Deuteranomaly
191, 227, 123

Tritanomaly
222, 191, 168

Monochromacy



Original Color
162, 218, 122

Achromatopsia
190, 190, 190

Achromatomaly
179, 200, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 218, 122 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(218, 190, 122)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 122)  
}
```

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(218, 190, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 122) }
```

Border

The CSS property to change the border of an element to RYB 162, 218, 122 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(218, 190, 122) }
```

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

```
.border{ border-color:rgb(218, 190, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 122);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 162, 218, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 122) }
```

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

```
.background{ background-color: rgb(218,  
190, 122) }
```

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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