

Converting Colors

`RYB(162, 226, 125)`

Have a look what the booklet for
RYB(162, 226, 125) contains.

RYB(162, 226, 125)	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(162, 226, 125)

Conversions

Conversions Part 1

Format	Color
Hex	E2C77D
RGB	226, 199, 125
RGB Percent	89%, 78%, 49%
CMY	0.1137, 0.2199, 0.5098
CMYK	0.00, 0.12, 0.45, 0.11
HSL	44°, 64%, 69%
HSV	44°, 45%, 89%
XYZ	55.4708, 58.4596, 27.7622
YIQ	198.6370, 39.8460, -17.2900

Conversions

Conversions Part 2

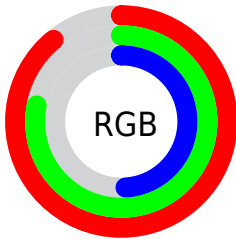
Format	Color
RYB	162, 226, 125
Decimal	14862205
CIELab	80.99, -0.23, 40.41
CIELCh	81, 40.409, 90.332
Yxy	58.4596, 0.3915, 0.4126
Android (android.graphics.Color)	4293052285 (0xFFE2C77D)
YUV	198.6370, -36.3030, 23.9974
Hunter-Lab	76.4589, -4.3016, 31.9930

Details

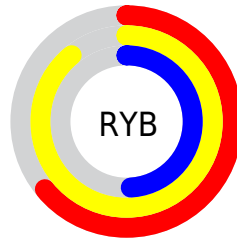
The RYB color **162, 226, 125** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **125, 146, 226**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **179, 255, 179**, and **106, 169, 74** is the 20% darker color. If you saturate the color by 10%, you get **147, 226, 102**, and if you desaturate by 10%, it is **177, 226, 148**.

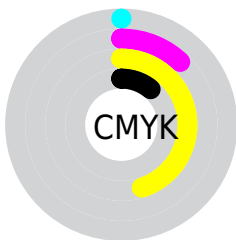
Distribution



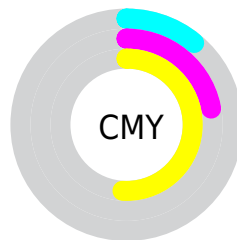
- Red (89%)
- Green (78%)
- Blue (49%)



- Red (64%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 226, 125 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, 226, 125 by changing the saturation by 10% instead.

 162, 226, 125

255, 255, 255

 179, 255, 179


 206, 255, 206


 235, 255, 235

 162, 226, 125

 133, 197, 99

 106, 169, 74

 77, 141, 50

 49, 114, 25

 20, 88, 0

 18, 63, 0

 12, 38, 0

 1, 5, 0


 0, 0, 0

 162, 226, 125


 162, 226, 125

 147, 226, 102


 177, 226, 148

 133, 226, 80

 190, 226, 170

 118, 226, 57


 205, 226, 193

 105, 226, 35

 219, 226, 215

 90, 226, 12

 226, 228, 238

 84, 226, 0

 226, 233, 255

 226, 236, 255

 226, 238, 255

 226, 240, 255

Harmonies

Analogous

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



255, 222, 136



162, 226, 125



135, 210, 159

Triad

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



162, 226, 125



56, 142, 238



249, 178, 239

Complementary

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



162, 226, 125



125, 146, 226

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.



206, 191, 255



162, 226, 125



86, 159, 255

Square

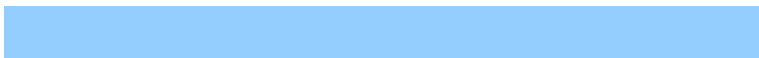
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 226, 125



93, 163, 221



148, 185, 255



255, 172, 202

Rectangle

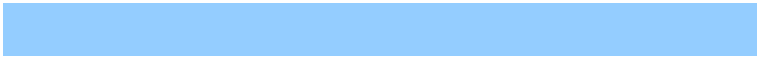
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162, 226, 125



152, 216, 211



148, 185, 255



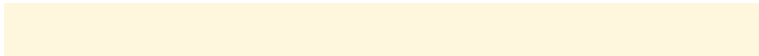
237, 182, 250

Sweetspot

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



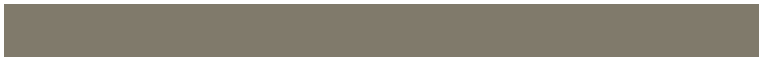
162, 226, 125



234, 255, 222



226, 125, 154



115, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



162, 226, 125



168, 255, 117



125, 226, 147



105, 112, 101



64, 176, 0



18, 48, 0

Inverse Universe

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



125, 146, 226



117, 146, 255



147, 125, 226



101, 103, 112



0, 37, 176



0, 10, 48

Previews

White Background



This preview shows how the RYB color 162, 226, 125 looks on a white background.

Color Contrast Check

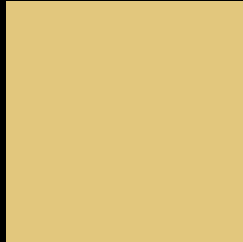
Large Text (above 18pt) WCAG AA × Fail

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, 226, 125 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, 226, 125 Background



This preview shows how black text looks on a background with the RYB color 162, 226, 125.




This preview shows how white text looks on a background with the RYB color 162, 226, 125.

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
234, 189, 204

Trichromacy



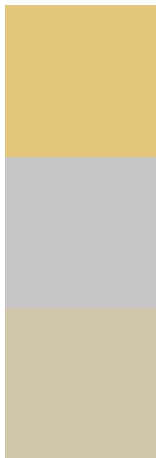
Original Color
162, 226, 125

Protanomaly
155, 222, 126

Deuteranomaly
194, 237, 126

Tritanomaly
231, 202, 175

Monochromacy



Original Color
162, 226, 125

Achromatopsia
199, 199, 199

Achromatomaly
186, 209, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 226, 125 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(226, 199, 125)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 125)  
}
```

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(226, 199, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 125) }
```

Border

The CSS property to change the border of an element to RYB 162, 226, 125 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(226, 199, 125) }
```

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

```
.border{ border-color:rgb(226, 199, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 199, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 199, 125);  
box-shadow:4px 4px 4px 4px rgb(226, 199,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 162, 226, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 125) }
```

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

```
.background{ background-color: rgb(226,  
199, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor