

Converting Colors

`RYB(149, 226, 128)`

Have a look what the booklet for
RYB(149, 226, 128) contains.

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Color

R_YB(149, 226, 128)

Conversions

Conversions Part 1

Format	Color
Hex	E2D180
RGB	226, 209, 128
RGB Percent	89%, 82%, 50%
CMY	0.1137, 0.1815, 0.4980
CMYK	0.00, 0.08, 0.43, 0.11
HSL	49°, 63%, 69%
HSV	49°, 43%, 89%
XYZ	57.9887, 63.1840, 29.5615
YIQ	204.8490, 36.1330, -21.5870

Conversions

Conversions Part 2

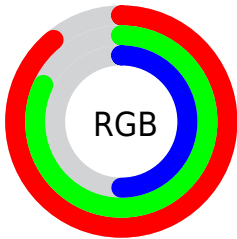
Format	Color
RYB	149, 226, 128
Decimal	14864768
CIELab	83.54, -4.98, 42.11
CIELCh	84, 42.408, 96.740
Yxy	63.1840, 0.3847, 0.4192
Android (android.graphics.Color)	4293054848 (0xFFE2D180)
YUV	204.8490, -37.8866, 18.5494
Hunter-Lab	79.4884, -8.8846, 33.5921

Details

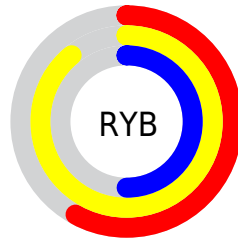
The RYB color **149, 226, 128** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **128, 142, 226**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **182, 255, 182**, and **94, 169, 77** is the 20% darker color. If you saturate the color by 10%, you get **130, 226, 105**, and if you desaturate by 10%, it is **167, 226, 151**.

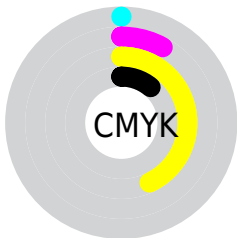
Distribution



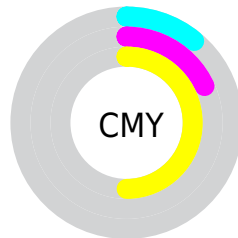
- Red (89%)
- Green (82%)
- Blue (50%)



- Red (58%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 226, 128 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 149, 226, 128 by changing the saturation by 10% instead.

 149, 226, 128


255, 255, 255

 182, 255, 182


 210, 255, 210

 239, 255, 239

 149, 226, 128

 121, 197, 102

 95, 169, 77

 66, 141, 52

 38, 114, 27

 9, 88, 0

 8, 64, 0

 2, 38, 0

 0, 15, 8


 0, 0, 0

 149, 226, 128

 149, 226, 128

 130, 226, 105

 167, 226, 151

 113, 226, 83

 184, 226, 173

 95, 226, 60

 202, 226, 196

 78, 226, 38

 219, 226, 218

 60, 226, 15

 226, 229, 241

 49, 226, 0

 226, 232, 255

 226, 234, 255

 226, 236, 255

 226, 237, 255

Harmonies

Analogous

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



255, 253, 136



149, 226, 128



143, 220, 180

Triad

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



149, 226, 128



48, 144, 255



255, 182, 241

Complementary

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



149, 226, 128



128, 142, 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.



225, 195, 255



149, 226, 128



98, 167, 255

Square

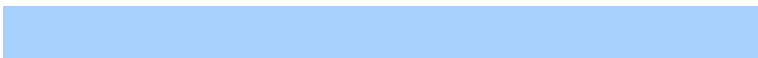
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149, 226, 128



81, 159, 230



166, 195, 255



255, 177, 201

Rectangle

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



149, 226, 128



151, 215, 225



166, 195, 255



255, 186, 253

Sweetspot

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



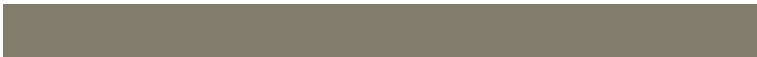
149, 226, 128



229, 255, 222



226, 128, 146



112, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



149, 226, 128



150, 255, 122



128, 226, 159



103, 112, 101



38, 176, 0



10, 48, 0

Inverse Universe

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



128, 142, 226



122, 142, 255



159, 128, 226



101, 103, 112



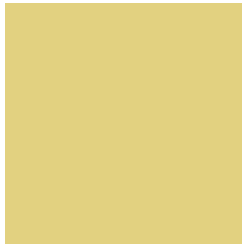
0, 26, 176



0, 8, 48

Previews

White Background



This preview shows how the RYB color 149, 226, 128 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 149, 226, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

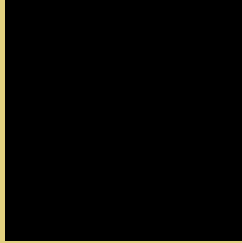
Any Text WCAG AA ✓ Pass

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 149, 226, 128 Background



This preview shows how black text looks on a background with the RYB color 149, 226, 128.



This preview shows how white text looks on a background with the RYB color 149, 226, 128.

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
149, 226, 128

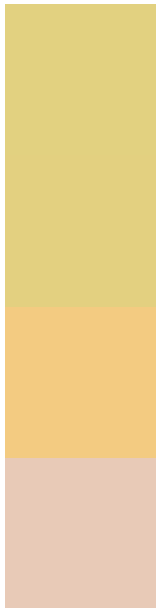
Protanopia
152, 227, 128

Deuteranopia
224, 252, 130



Tritanopia
235, 198, 214

Trichromacy



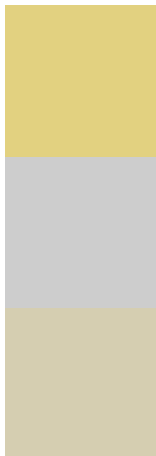
Original Color
149, 226, 128

Protanomaly
152, 227, 128

Deuteranomaly
191, 243, 129

Tritanomaly
232, 214, 183

Monochromacy



Original Color
149, 226, 128

Achromatopsia
205, 205, 205

Achromatomaly
186, 213, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 226, 128 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, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 128)  
}
```

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, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 128) }
```

Border

The CSS property to change the border of an element to RYB 149, 226, 128 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, 209, 128) }
```

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

```
.border{ border-color:rgb(226, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 209, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 209, 128); box-shadow:4px 4px 4px 4px rgb(226, 209, 128) }
```

Background

The CSS property to change the background color of an element to RYB 149, 226, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 128) }
```

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

```
.background{ background-color: rgb(226,  
209, 128) }
```

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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