

Converting Colors

`RYB(130, 232, 105)`

Have a look what the booklet for
RYB(130, 232, 105) contains.

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Color

R_YB(130, 232, 105)

Conversions

Conversions Part 1

Format	Color
Hex	E8D369
RGB	232, 211, 105
RGB Percent	91%, 83%, 41%
CMY	0.0902, 0.1721, 0.5882
CMYK	0.00, 0.09, 0.55, 0.09
HSL	50°, 73%, 66%
HSV	50°, 55%, 91%
XYZ	59.1506, 64.8198, 22.7585
YIQ	205.1950, 46.5420, -28.5140

Conversions

Conversions Part 2

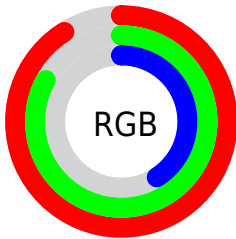
Format	Color
RYB	130, 232, 105
Decimal	15258473
CIELab	84.39, -5.83, 54.39
CIElCh	84, 54.707, 96.123
Yxy	64.8198, 0.4031, 0.4418
Android (android.graphics.Color)	4293448553 (0xFFE8D369)
YUV	205.1950, -49.3961, 23.5080
Hunter-Lab	80.5108, -9.7514, 39.5976

Details

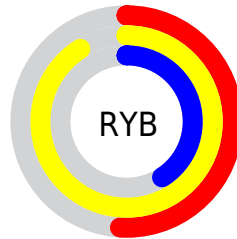
The RYB color **130, 232, 105** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **105, 123, 232**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **159, 255, 159**, and **72, 174, 52** is the 20% darker color. If you saturate the color by 10%, you get **112, 232, 82**, and if you desaturate by 10%, it is **148, 232, 128**.

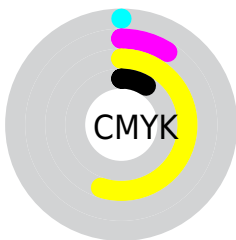
Distribution



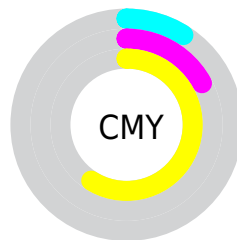
- Red (91%)
- Green (83%)
- Blue (41%)



- Red (51%)
- Yellow (91%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 232, 105 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 130, 232, 105 by changing the saturation by 10% instead.

 130, 232, 105

255, 255, 255


 159, 255, 159


 187, 255, 187


 215, 255, 215


 244, 255, 244

 130, 232, 105

 101, 203, 79


 72, 174, 52

 40, 146, 23

 13, 118, 0

 10, 91, 0

 7, 65, 0

 1, 39, 0

 0, 18, 8

 0, 0, 0

■ 130, 232, 105

■ 130, 232, 105

■ 112, 232, 82

■ 148, 232, 128

■ 94, 232, 59

■ 166, 232, 151

■ 73, 232, 35

■ 186, 232, 175

■ 55, 232, 12

■ 205, 232, 198

■ 45, 232, 0

■ 223, 232, 221

■ 232, 234, 244

■ 232, 237, 255

■ 232, 239, 255

■ 232, 240, 255

Harmonies

Analogous

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



228, 255, 116



130, 232, 105



124, 225, 172

Triad

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



130, 232, 105



0, 122, 255



255, 175, 253

Complementary

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



130, 232, 105



105, 123, 232

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.



229, 193, 255



130, 232, 105



0, 120, 255

Square

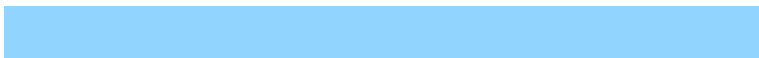
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



130, 232, 105



0, 123, 237



145, 187, 255



255, 168, 202

Rectangle

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



130, 232, 105



134, 218, 232



145, 187, 255



255, 180, 255

Sweetspot

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



130, 232, 105



222, 255, 214



232, 105, 126



108, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



130, 232, 105



121, 255, 87



105, 232, 147



105, 115, 103



36, 179, 0



9, 51, 0

Inverse Universe

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



105, 123, 232



87, 110, 255



147, 105, 232



103, 105, 115



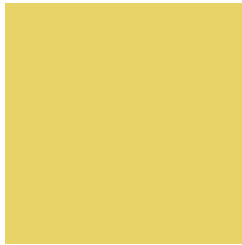
0, 25, 179



0, 7, 51

Previews

White Background



This preview shows how the RYB color 130, 232, 105 looks on a white background.

Color Contrast Check

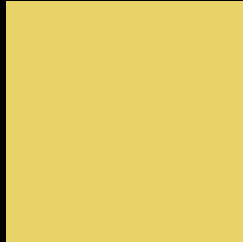
Large Text (above 18pt) WCAG AA × Fail

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 130, 232, 105 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 130, 232, 105 Background



This preview shows how black text looks on a background with the RYB color 130, 232, 105.



This preview shows how white text looks on a background with the RYB color 130, 232, 105.

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
130, 232, 105

Protanopia
132, 233, 105

Deuteranopia
209, 255, 121



Tritanopia
242, 199, 215

Trichromacy



Original Color
130, 232, 105

Protanomaly
132, 233, 105

Deuteranomaly
177, 247, 115

Tritanomaly
238, 225, 175

Monochromacy



Original Color
130, 232, 105

Achromatopsia
205, 205, 205

Achromatomaly
179, 215, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 232, 105 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(232, 211, 105)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 105)  
}
```

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(232, 211, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 105) }
```

Border

The CSS property to change the border of an element to RYB 130, 232, 105 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(232, 211, 105) }
```

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

```
.border{ border-color:rgb(232, 211, 105) }
```

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

Here you see how a box with a 4 pixel rgb(232, 211, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 105);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 130, 232, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 105) }
```

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

```
.background{ background-color: rgb(232,  
211, 105) }
```

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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