

Converting Colors

`RYB(182, 231, 101)`

Have a look what the booklet for
RYB(182, 231, 101) contains.

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Color

R_YB(182, 231, 101)

Conversions

Conversions Part 1

Format	Color
Hex	E7B565
RGB	231, 181, 101
RGB Percent	91%, 71%, 40%
CMY	0.0941, 0.2898, 0.6039
CMYK	0.00, 0.22, 0.56, 0.09
HSL	37°, 73%, 65%
HSV	37°, 56%, 91%
XYZ	51.8471, 51.0148, 19.4261
YIQ	186.8300, 55.4800, -14.2800

Conversions

Conversions Part 2

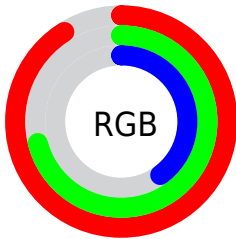
Format	Color
RYB	182, 231, 101
Decimal	15185253
CIELab	76.69, 9.02, 47.22
CIELCh	77, 48.069, 79.184
Yxy	51.0148, 0.4240, 0.4172
Android (android.graphics.Color)	4293375333 (0xFFE7B565)
YUV	186.8300, -42.3142, 38.7371
Hunter-Lab	71.4247, 4.5799, 33.8715

Details

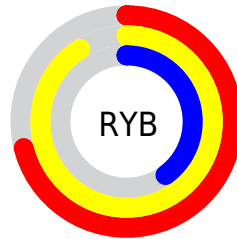
The RYB color **182, 231, 101** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **101, 137, 231**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **176, 255, 154**, and **120, 172, 51** is the 20% darker color. If you saturate the color by 10%, you get **174, 231, 78**, and if you desaturate by 10%, it is **190, 231, 124**.

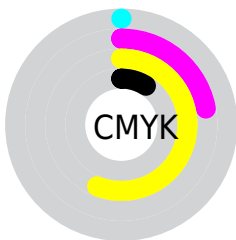
Distribution



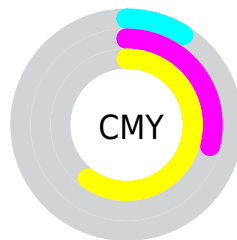
- Red (91%)
- Green (71%)
- Blue (40%)



- Red (71%)
- Yellow (91%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the RYB color 182, 231, 101 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 182, 231, 101 by changing the saturation by 10% instead.

 182, 231, 101

 182, 231, 101

255, 255, 255

 151, 201, 76

 176, 255, 154

 120, 172, 51

 181, 255, 181

 88, 144, 25

 209, 255, 209

 52, 116, 0

 238, 255, 238

 50, 89, 0

 48, 62, 0

 37, 25, 0

 0, 0, 0

 182, 231, 101

 182, 231, 101

174, 231, 78

190, 231, 124

166, 231, 55

199, 231, 147

158, 231, 32

207, 231, 170

147, 231, 9

215, 231, 193

145, 231, 0

228, 231, 217

231, 233, 240

231, 239, 255

231, 242, 255

231, 243, 255

Harmonies

Analogous

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



255, 184, 124



182, 231, 101



103, 196, 110

Triad

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



182, 231, 101



0, 107, 217



229, 167, 248

Complementary

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



182, 231, 101



101, 137, 231

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.



169, 182, 255



182, 231, 101



0, 115, 255

Square

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



182, 231, 101



70, 152, 211



80, 151, 255



255, 155, 207

Rectangle

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



182, 231, 101



118, 203, 165



80, 151, 255



211, 172, 255

Sweetspot

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



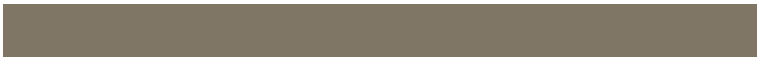
182, 231, 101



240, 255, 212



231, 101, 153



118, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



182, 231, 101



191, 255, 82



101, 231, 114



112, 115, 103



112, 179, 0



33, 51, 0

Inverse Universe

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



101, 137, 231



82, 130, 255



114, 101, 231



103, 107, 115



0, 50, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 182, 231, 101 looks on a white background.

Color Contrast Check

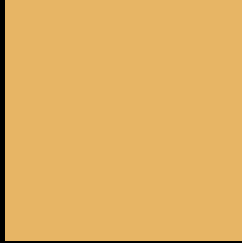
Large Text (above 18pt) WCAG AA × Fail

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 182, 231, 101 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 182, 231, 101 Background



This preview shows how black text looks on a background with the RYB color 182, 231, 101.



This preview shows how white text looks on a background with the RYB color 182, 231, 101.

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
182, 231, 101

Protanopia
126, 208, 104

Deuteranopia
185, 232, 101



Tritanopia
238, 171, 185

Trichromacy



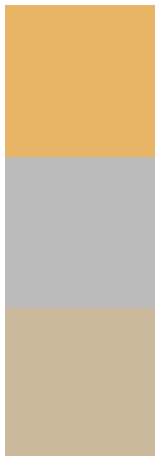
Original Color
182, 231, 101

Protanomaly
142, 216, 103

Deuteranomaly
185, 232, 101

Tritanomaly
235, 182, 154

Monochromacy



Original Color
182, 231, 101

Achromatopsia
187, 187, 187

Achromatomaly
185, 203, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 231, 101 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(231, 181, 101)` looks like.

```
.text, #text, p{  
    color:rgb(231, 181, 101)  
}
```

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(231, 181, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 181, 101) }
```

Border

The CSS property to change the border of an element to RYB 182, 231, 101 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(231, 181, 101) }
```

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

```
.border{ border-color:rgb(231, 181, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 181, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 181, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 181, 101);  
box-shadow:4px 4px 4px 4px rgb(231, 181,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 182, 231, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 181, 101) }
```

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

```
.background{ background-color: rgb(231,  
181, 101) }
```

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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