

Converting Colors

`RYB(152, 225, 111)`

Have a look what the booklet for
RYB(152, 225, 111) contains.

RYB(152, 225, 111)	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(152, 225, 111)

Conversions

Conversions Part 1

Format	Color
Hex	E1C36F
RGB	225, 195, 111
RGB Percent	88%, 76%, 44%
CMY	0.1176, 0.2359, 0.5647
CMYK	0.00, 0.13, 0.51, 0.12
HSL	44°, 66%, 66%
HSV	44°, 51%, 88%
XYZ	53.4010, 56.1161, 23.0559
YIQ	194.3940, 44.8440, -19.7640

Conversions

Conversions Part 2

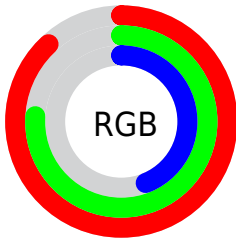
Format	Color
RYB	152, 225, 111
Decimal	14795631
CIELab	79.68, 0.17, 45.76
CIElCh	80, 45.758, 89.792
Yxy	56.1161, 0.4028, 0.4233
Android (android.graphics.Color)	4292985711 (0xFFE1C36F)
YUV	194.3940, -41.1132, 26.8415
Hunter-Lab	74.9107, -3.8478, 34.1893

Details

The RYB color **152, 225, 111** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **111, 135, 225**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **168, 255, 164**, and **93, 167, 60** is the 20% darker color. If you saturate the color by 10%, you get **138, 225, 89**, and if you desaturate by 10%, it is **167, 225, 134**.

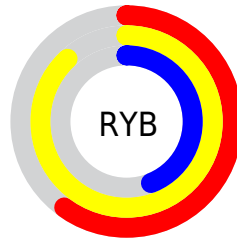
Distribution



Red (88%)

Green (76%)

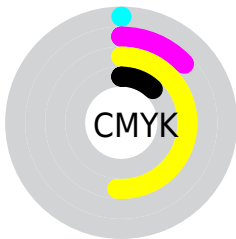
Blue (44%)



Red (60%)

Yellow (88%)

Blue (44%)

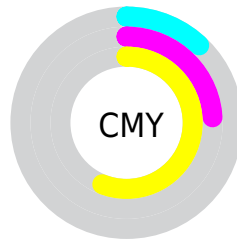


Cyan (0%)

Magenta (13%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 225, 111 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 152, 225, 111 by changing the saturation by 10% instead.

 152, 225, 111

255, 255, 255

 168, 255, 164


 192, 255, 192

 220, 255, 220


 249, 255, 249

 152, 225, 111

 122, 196, 85

 94, 167, 60

 65, 139, 35

 30, 112, 5

 23, 86, 0

 18, 60, 0

 12, 35, 0

 0, 0, 0

 152, 225, 111

 152, 225, 111

■ 138, 225, 89

■ 167, 225, 134

■ 123, 225, 66

■ 180, 225, 156

■ 109, 225, 44

■ 195, 225, 179

■ 94, 225, 21

■ 209, 225, 201

■ 82, 225, 0

■ 224, 225, 224

■ 225, 230, 246

■ 225, 234, 255

■ 225, 236, 255

■ 225, 238, 255

Harmonies

Analogous

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



255, 220, 125



152, 225, 111



122, 208, 149

Triad

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



152, 225, 111



0, 114, 238



251, 172, 241

Complementary

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



152, 225, 111



111, 135, 225

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.



201, 187, 255



152, 225, 111



28, 130, 255

Square

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



152, 225, 111



62, 147, 220



131, 176, 255



255, 164, 199

Rectangle

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



152, 225, 111



141, 214, 207



131, 176, 255



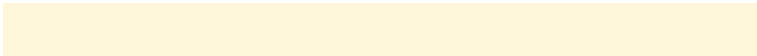
237, 176, 253

Sweetspot

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



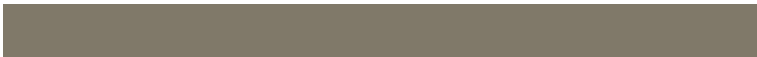
152, 225, 111



231, 255, 217



225, 111, 141



115, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



152, 225, 111



155, 255, 99



111, 225, 138



105, 112, 101



64, 176, 0



16, 48, 0

Inverse Universe

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



111, 135, 225



99, 132, 255



138, 111, 225



101, 103, 112



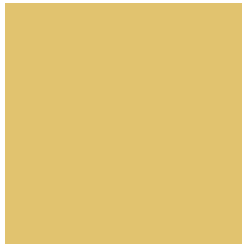
0, 37, 176



0, 10, 48

Previews

White Background



This preview shows how the RYB color 152, 225, 111 looks on a white background.

Color Contrast Check

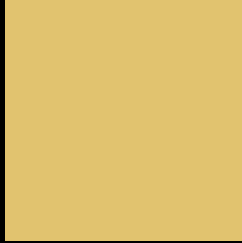
Large Text (above 18pt) WCAG AA × Fail

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 152, 225, 111 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](#).

R Y B 152, 225, 111 Background



This preview shows how black text looks on a background with the RYB color 152, 225, 111.

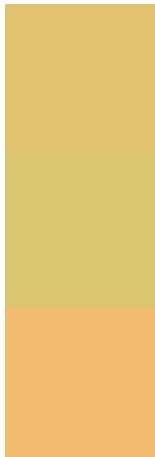


This preview shows how white text looks on a background with the RYB color 152, 225, 111.

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
152, 225, 111

Protanopia
135, 217, 112

Deuteranopia
202, 241, 112



Tritanopia
233, 185, 199

Trichromacy



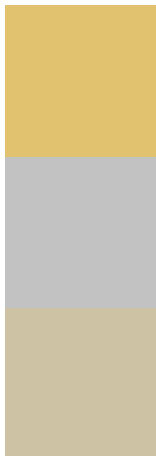
Original Color
152, 225, 111

Protanomaly
141, 220, 112

Deuteranomaly
183, 235, 112

Tritanomaly
230, 201, 167

Monochromacy



Original Color
152, 225, 111

Achromatopsia
194, 194, 194

Achromatomaly
179, 205, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 225, 111 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(225, 195, 111)` looks like.

```
.text, #text, p{  
    color:rgb(225, 195, 111)  
}
```

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(225, 195, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 195, 111) }
```

Border

The CSS property to change the border of an element to RYB 152, 225, 111 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(225, 195, 111) }
```

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

```
.border{ border-color:rgb(225, 195, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 195, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 195, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 195, 111);  
box-shadow:4px 4px 4px 4px rgb(225, 195,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 152, 225, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 195, 111) }
```

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

```
.background{ background-color: rgb(225,  
195, 111) }
```

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