

Converting Colors

`RYB(152, 226, 124)`

Have a look what the booklet for
RYB(152, 226, 124) contains.

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Color

R_YB(152, 226, 124)

Conversions

Conversions Part 1

Format	Color
Hex	E2CC7C
RGB	226, 204, 124
RGB Percent	89%, 80%, 49%
CMY	0.1137, 0.1999, 0.5137
CMYK	0.00, 0.10, 0.45, 0.11
HSL	47°, 64%, 69%
HSV	47°, 45%, 89%
XYZ	56.6023, 60.8243, 27.8258
YIQ	201.4580, 38.7920, -20.2160

Conversions

Conversions Part 2

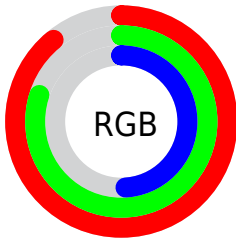
Format	Color
RYB	152, 226, 124
Decimal	14863484
CIELab	82.28, -2.98, 42.54
CIELCh	82, 42.641, 94.001
Yxy	60.8243, 0.3897, 0.4187
Android (android.graphics.Color)	4293053564 (0xFFE2CC7C)
YUV	201.4580, -38.1868, 21.5233
Hunter-Lab	77.9900, -6.9336, 33.4391

Details

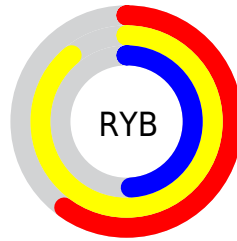
The RYB color **152, 226, 124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **124, 142, 226**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **178, 255, 178**, and **97, 169, 73** is the 20% darker color. If you saturate the color by 10%, you get **135, 226, 101**, and if you desaturate by 10%, it is **169, 226, 147**.

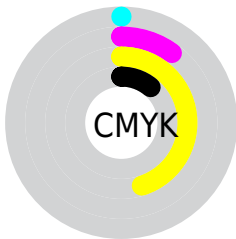
Distribution



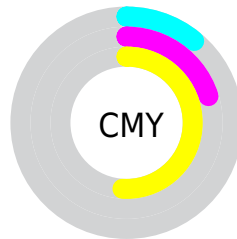
- Red (89%)
- Green (80%)
- Blue (49%)



- Red (60%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 226, 124 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, 226, 124 by changing the saturation by 10% instead.

 152, 226, 124

255, 255, 255

 178, 255, 178


 206, 255, 206


 234, 255, 234


 152, 226, 124

 123, 197, 98

 97, 169, 73

 69, 141, 48

 40, 114, 23

 14, 88, 0

 12, 63, 0

 7, 38, 0

 0, 10, 5

 0, 0, 0

152, 226, 124

152, 226, 124

135, 226, 101

169, 226, 147

120, 226, 79

184, 226, 169

103, 226, 56

201, 226, 192

86, 226, 34

216, 226, 214

70, 226, 11

226, 228, 237

63, 226, 0

226, 232, 255

226, 234, 255

226, 237, 255

226, 239, 255

Harmonies

Analogous

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



255, 238, 134



152, 226, 124



137, 216, 170

Triad

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



152, 226, 124



36, 136, 248



255, 179, 241

Complementary

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



152, 226, 124



124, 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.



216, 192, 255



152, 226, 124



86, 160, 255

Square

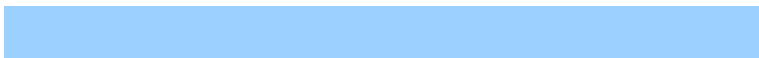
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



152, 226, 124



80, 158, 226



156, 190, 255



255, 174, 201

Rectangle

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



152, 226, 124



152, 217, 221



156, 190, 255



248, 183, 252

Sweetspot

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



152, 226, 124



229, 255, 219



226, 124, 146



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



152, 226, 124



155, 255, 117



124, 226, 153



103, 112, 101



48, 176, 0



13, 48, 0

Inverse Universe

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



124, 142, 226



117, 142, 255



153, 124, 226



101, 103, 112



0, 31, 176



0, 8, 48

Previews

White Background



This preview shows how the RYB color 152, 226, 124 looks on a white background.

Color Contrast Check

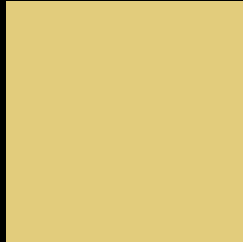
Large Text (above 18pt) WCAG AA × Fail

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, 226, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

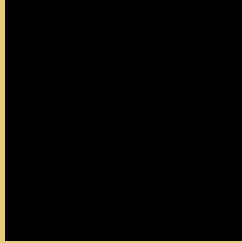
Any Text WCAG AA ✓ Pass

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 152, 226, 124 Background



This preview shows how black text looks on a background with the RYB color 152, 226, 124.

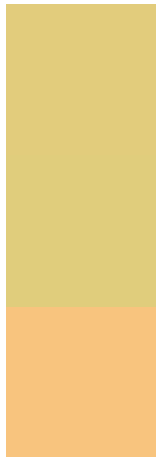


This preview shows how white text looks on a background with the RYB color 152, 226, 124.

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, 226, 124

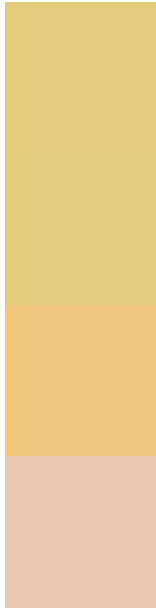
Protanopia
147, 224, 124

Deuteranopia
217, 248, 126



Tritanopia
235, 194, 209

Trichromacy



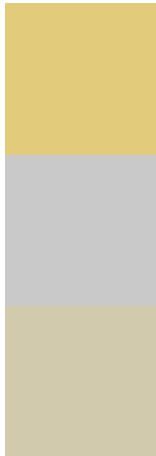
Original Color
152, 226, 124

Protanomaly
149, 225, 124

Deuteranomaly
189, 240, 125

Tritanomaly
232, 210, 178

Monochromacy



Original Color
152, 226, 124

Achromatopsia
201, 201, 201

Achromatomaly
183, 210, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 226, 124 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, 204, 124)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 124)  
}
```

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, 204, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 124) }
```

Border

The CSS property to change the border of an element to RYB 152, 226, 124 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, 204, 124) }
```

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

```
.border{ border-color:rgb(226, 204, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 204, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 204, 124); box-shadow:4px 4px 4px 4px rgb(226, 204, 124) }
```

Background

The CSS property to change the background color of an element to RYB 152, 226, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 124) }
```

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

```
.background{ background-color: rgb(226,  
204, 124) }
```

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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