

Converting Colors

`RYB(146, 226, 93)`

Have a look what the booklet for
RYB(146, 226, 93) contains.

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Color

R_YB(146, 226, 93)

Conversions

Conversions Part 1

Format	Color
Hex	E2BC5D
RGB	226, 188, 93
RGB Percent	89%, 74%, 36%
CMY	0.1137, 0.2623, 0.6353
CMYK	0.00, 0.17, 0.59, 0.11
HSL	43°, 70%, 63%
HSV	43°, 59%, 89%
XYZ	51.3449, 52.9692, 17.8738
YIQ	188.5320, 53.1430, -21.4890

Conversions

Conversions Part 2

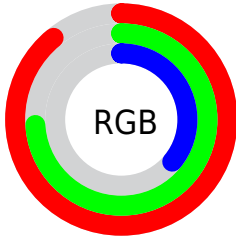
Format	Color
RYB	146, 226, 93
Decimal	14859357
CIELab	77.86, 2.66, 52.31
CIELCh	78, 52.381, 87.090
Yxy	52.9692, 0.4202, 0.4335
Android (android.graphics.Color)	4293049437 (0xFFE2BC5D)
YUV	188.5320, -47.0973, 32.8594
Hunter-Lab	72.7799, -1.4365, 36.3851

Details

The RYB color **146, 226, 93** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **93, 123, 226**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **158, 255, 146**, and **86, 168, 41** is the 20% darker color. If you saturate the color by 10%, you get **131, 226, 70**, and if you desaturate by 10%, it is **159, 226, 116**.

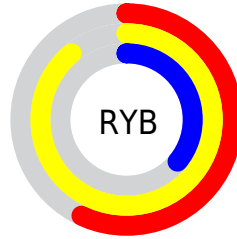
Distribution



Red (89%)

Green (74%)

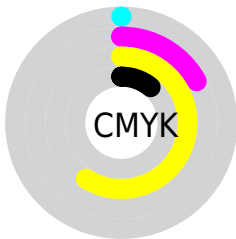
Blue (36%)



Red (57%)

Yellow (89%)

Blue (36%)

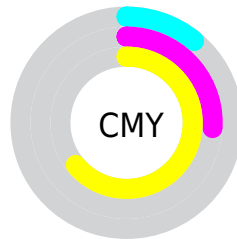


Cyan (0%)

Magenta (17%)

Yellow (59%)

Black (11%)



Cyan (11%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 226, 93 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 146, 226, 93 by changing the saturation by 10% instead.

 146, 226, 93

 146, 226, 93


255, 255, 255

 117, 197, 67


 158, 255, 146

 86, 168, 41

 173, 255, 173

 46, 139, 9


 201, 255, 201

 34, 112, 0

 230, 255, 230

 30, 85, 0

 24, 58, 0

 19, 33, 0

 0, 0, 0

 146, 226, 93

 146, 226, 93

131, 226, 70

159, 226, 116

119, 226, 48

173, 226, 138

105, 226, 25

188, 226, 161

93, 226, 3

200, 226, 183

89, 226, 0

215, 226, 206

226, 227, 229

226, 231, 251

226, 235, 255

226, 238, 255

Harmonies

Analogous

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



255, 212, 112



146, 226, 93



103, 203, 129

Triad

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



146, 226, 93



0, 113, 235



248, 163, 246

Complementary

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



146, 226, 93



93, 123, 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.



189, 182, 255



146, 226, 93



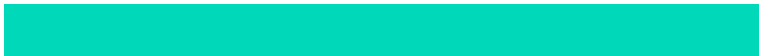
0, 115, 255

Square

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



146, 226, 93



0, 117, 217



97, 159, 255



255, 152, 199

Rectangle

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



146, 226, 93



124, 210, 195



97, 159, 255



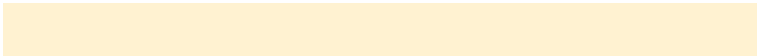
232, 169, 255

Sweetspot

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



146, 226, 93



227, 255, 209



226, 93, 133



110, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



146, 226, 93



147, 255, 74



93, 226, 120



105, 112, 101



70, 176, 0



18, 48, 0

Inverse Universe

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



93, 123, 226



74, 114, 255



120, 93, 226



101, 103, 112



0, 39, 176



0, 11, 48

Previews

White Background



This preview shows how the RYB color 146, 226, 93 looks on a white background.

Color Contrast Check

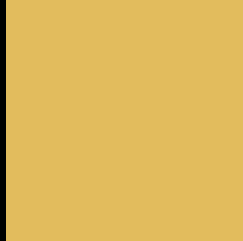
Large Text (above 18pt) WCAG AA × Fail

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 146, 226, 93 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 146, 226, 93 Background



This preview shows how black text looks on a background with the R Y B color 146, 226, 93.



This preview shows how white text looks on a background with the R Y B color 146, 226, 93.

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

146, 226, 93

Protanopia

119, 213, 95

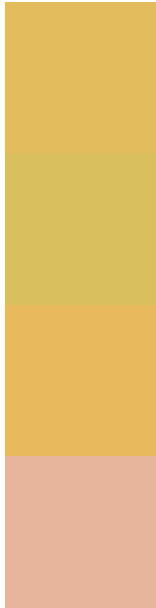
Deuteranopia

181, 237, 94



Tritanopia
234, 177, 191

Trichromacy



Original Color

146, 226, 93

Protanomaly

129, 218, 94

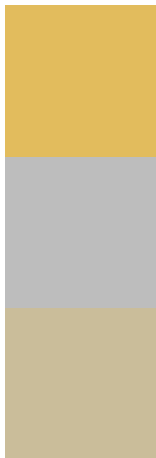
Deuteranomaly

167, 233, 94

Tritanomaly

231, 195, 155

Monochromacy



Original Color

146, 226, 93

Achromatopsia

189, 189, 189

Achromatomaly

172, 202, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 226, 93 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, 188, 93)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 93)  
}
```

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, 188, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 93) }
```

Border

The CSS property to change the border of an element to RYB 146, 226, 93 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, 188, 93) }
```

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

```
.border{ border-color:rgb(226, 188, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 93);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 146, 226, 93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 93) }
```

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

```
.background{ background-color: rgb(226,  
188, 93) }
```

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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