

Converting Colors

`RYB(192, 228, 126)`

Have a look what the booklet for
RYB(192, 228, 126) contains.

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Color

R_YB(192, 228, 126)

Conversions

Conversions Part 1

Format	Color
Hex	E4BC7E
RGB	228, 188, 126
RGB Percent	89%, 74%, 49%
CMY	0.1059, 0.2630, 0.5059
CMYK	0.00, 0.18, 0.45, 0.11
HSL	36°, 65%, 69%
HSV	36°, 45%, 89%
XYZ	53.7288, 53.9363, 27.3176
YIQ	192.8920, 43.7420, -10.8020

Conversions

Conversions Part 2

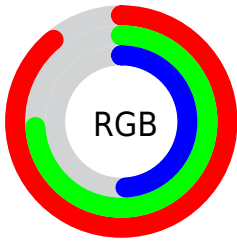
Format	Color
RYB	192, 228, 126
Decimal	14990462
CIELab	78.42, 6.42, 36.66
CIELCh	78, 37.217, 80.069
Yxy	53.9363, 0.3980, 0.3996
Android (android.graphics.Color)	4293180542 (0xFFE4BC7E)
YUV	192.8920, -32.9778, 30.7897
Hunter-Lab	73.4413, 2.0661, 29.3551

Details

The RYB color **192, 228, 126** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **126, 155, 228**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **192, 255, 179**, and **134, 171, 76** is the 20% darker color. If you saturate the color by 10%, you get **184, 228, 103**, and if you desaturate by 10%, it is **200, 228, 149**.

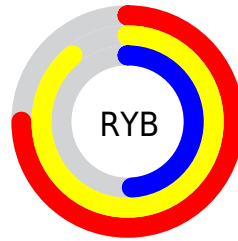
Distribution



Red (89%)

Green (74%)

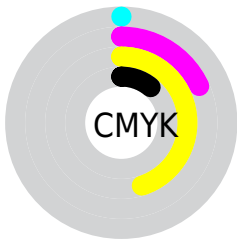
Blue (49%)



Red (75%)

Yellow (89%)

Blue (49%)

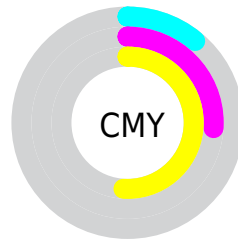


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (11%)



Cyan (11%)

Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 228, 126 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 192, 228, 126 by changing the saturation by 10% instead.

 192, 228, 126


255, 255, 255

 192, 255, 179


 207, 255, 207

 236, 255, 236

 192, 228, 126

 162, 199, 100

 134, 171, 76

 104, 143, 52

 76, 116, 28

 42, 89, 3

 36, 64, 0

 37, 39, 0


 0, 0, 0

 192, 228, 126

 192, 228, 126

 184, 228, 103

 200, 228, 149

 175, 228, 80

 208, 228, 172

 169, 228, 58

 215, 228, 194

 160, 228, 35

 223, 228, 217

 152, 228, 12

 228, 232, 240

 149, 228, 0

 228, 237, 255

 228, 240, 255

 228, 242, 255

Harmonies

Analogous

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



253, 191, 142



192, 228, 126



128, 199, 133

Triad

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



192, 228, 126



76, 145, 217



227, 177, 239

Complementary

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



192, 228, 126



126, 155, 228

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.



182, 188, 255



192, 228, 126



80, 153, 246

Square

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



192, 228, 126



112, 171, 212



128, 174, 255



254, 169, 207

Rectangle

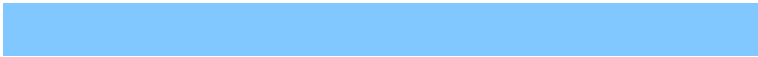
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192, 228, 126



140, 205, 177



128, 174, 255



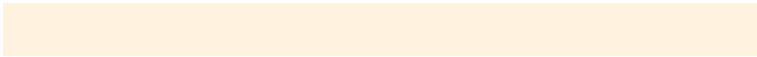
213, 181, 247

Sweetspot

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



192, 228, 126



243, 255, 222



228, 126, 167



123, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



192, 228, 126



206, 255, 117



126, 228, 136



112, 115, 103



118, 179, 0



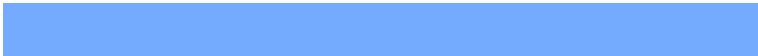
33, 51, 0

Inverse Universe

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



126, 155, 228



117, 156, 255



136, 126, 228



103, 107, 115



0, 50, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 192, 228, 126 looks on a white background.

Color Contrast Check

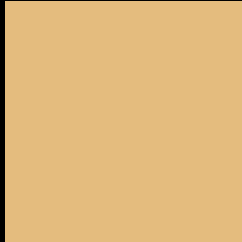
Large Text (above 18pt) WCAG AA × Fail

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 192, 228, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

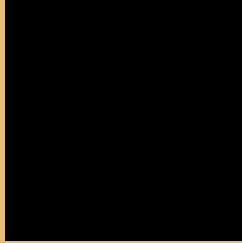
Any Text WCAG AA ✓ Pass

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 192, 228, 126 Background



This preview shows how black text looks on a background with the RYB color 192, 228, 126.



This preview shows how white text looks on a background with the RYB color 192, 228, 126.

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
192, 228, 126

Protanopia
149, 211, 128

Deuteranopia
212, 234, 126



Tritanopia
235, 179, 193

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 228, 126 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(228, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(228, 188, 126)  
}
```

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(228, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 188, 126) }
```

Border

The CSS property to change the border of an element to RYB 192, 228, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

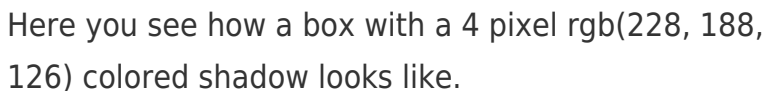
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 188, 126) }
```

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

```
.border{ border-color:rgb(228, 188, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 188, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 188, 126); box-shadow:4px 4px 4px 4px rgb(228, 188, 126) }
```

Background

The CSS property to change the background color of an element to RYB 192, 228, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 188, 126) }
```

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

```
.background{ background-color: rgb(228,  
188, 126) }
```

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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