

Converting Colors

`RYB(234, 198, 128)`

Have a look what the booklet for
RYB(234, 198, 128) contains.

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Color

R_YB(234, 198, 128)

Conversions

Conversions Part 1

Format	Color
Hex	EAAA80
RGB	234, 170, 128
RGB Percent	92%, 67%, 50%
CMY	0.0824, 0.3327, 0.4980
CMYK	0.00, 0.27, 0.45, 0.08
HSL	24°, 72%, 71%
HSV	24°, 45%, 92%
XYZ	52.2325, 47.8601, 26.9070
YIQ	184.3480, 51.6260, 0.5060

Conversions

Conversions Part 2

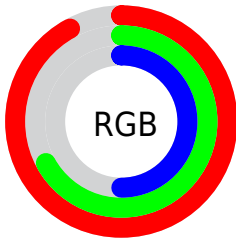
Format	Color
RYB	234, 198, 128
Decimal	15379072
CIELab	74.74, 18.44, 30.94
CIELCh	75, 36.016, 59.200
Yxy	47.8601, 0.4113, 0.3769
Android (android.graphics.Color)	4293569152 (0xFFEAAA80)
YUV	184.3480, -27.7796, 43.5448
Hunter-Lab	69.1810, 13.7031, 25.3666

Details

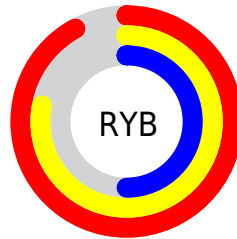
The RYB color **234, 198, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 168, 234**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **231, 255, 181**, and **176, 146, 78** is the 20% darker color. If you saturate the color by 10%, you get **234, 189, 105**, and if you desaturate by 10%, it is **234, 206, 151**.

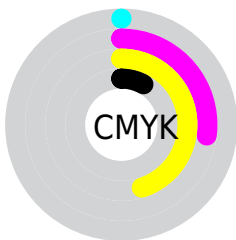
Distribution



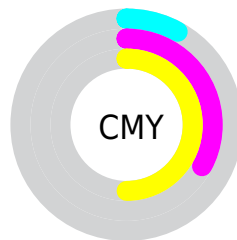
- Red (92%)
- Green (67%)
- Blue (50%)



- Red (92%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 198, 128 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 234, 198, 128 by changing the saturation by 10% instead.

 234, 198, 128

 234, 198, 128


255, 255, 255

 205, 172, 103

 229, 255, 181

 176, 146, 78

 210, 255, 209

 148, 119, 55

 237, 255, 237


 120, 96, 32


 93, 74, 10

 67, 40, 0

 42, 2, 0

 0, 0, 0

 234, 198, 128


 234, 198, 128

 234, 189, 105


 234, 206, 151

 234, 182, 81


 234, 213, 175

 234, 174, 58

 234, 221, 198

 234, 167, 34

 234, 231, 222

 234, 159, 11

 234, 238, 245

 234, 154, 0

 234, 245, 255

Harmonies

Analogous

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



248, 162, 153



234, 198, 128



152, 207, 117

Triad

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



234, 198, 128



93, 153, 202



187, 176, 242

Complementary

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



234, 198, 128



128, 168, 234

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.



137, 172, 250



234, 198, 128



65, 136, 215

Square

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



234, 198, 128



134, 187, 199



86, 150, 240



225, 165, 218

Rectangle

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



234, 198, 128



120, 189, 124



86, 150, 240



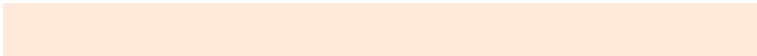
171, 179, 246

Sweetspot

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



234, 198, 128



255, 242, 219



234, 128, 193



128, 119, 106



0, 0, 0



128, 128, 128

Same Dimension

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



234, 198, 128



255, 208, 117



142, 234, 128



117, 112, 106



181, 120, 0



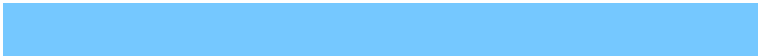
54, 34, 0

Inverse Universe

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



128, 168, 234



117, 169, 255



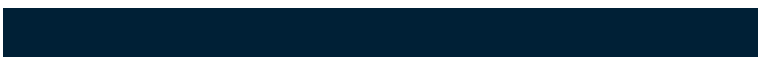
128, 139, 234



106, 110, 117



0, 68, 181



0, 20, 54

Previews

White Background



This preview shows how the RYB color 234, 198, 128 looks on a white background.

Color Contrast Check

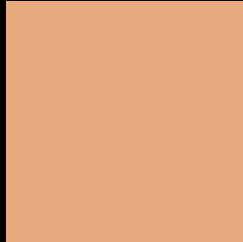
Large Text (above 18pt) WCAG AA × Fail

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 234, 198, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

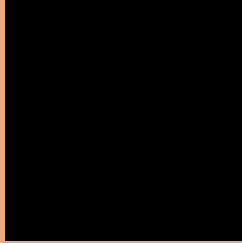
Any Text WCAG AA ✓ Pass

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 234, 198, 128 Background



This preview shows how black text looks on a background with the RYB color 234, 198, 128.



This preview shows how white text looks on a background with the RYB color 234, 198, 128.

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](#).

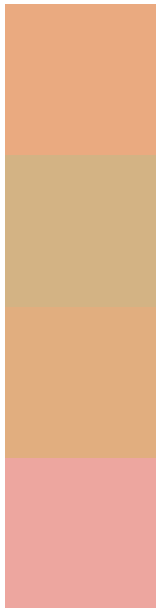
Dichromacy





Tritanopia
238, 164, 176

Trichromacy



Original Color
234, 198, 128

Protanomaly
186, 211, 132

Deuteranomaly
225, 217, 127

Tritanomaly
237, 167, 159

Monochromacy



Original Color
234, 198, 128

Achromatopsia
184, 184, 184

Achromatomaly
202, 189, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 198, 128 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(234, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 170, 128)  
}
```

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(234, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 170, 128) }
```

Border

The CSS property to change the border of an element to RYB 234, 198, 128 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(234, 170, 128) }
```

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

```
.border{ border-color:rgb(234, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 170,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 234, 198, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 170, 128) }
```

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

```
.background{ background-color: rgb(234,  
170, 128) }
```

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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