

Converting Colors

`RYB(224, 187, 142)`

Have a look what the booklet for
RYB(224, 187, 142) contains.

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Color

R_YB(224, 187, 142)

Conversions

Conversions Part 1

Format	Color
Hex	E0AB8E
RGB	224, 171, 142
RGB Percent	88%, 67%, 56%
CMY	0.1216, 0.3292, 0.4431
CMYK	0.00, 0.24, 0.37, 0.12
HSL	21°, 57%, 72%
HSV	21°, 37%, 88%
XYZ	50.1963, 46.9469, 32.0072
YIQ	183.5410, 40.8970, 2.2170

Conversions

Conversions Part 2

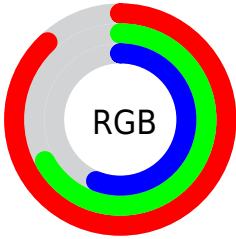
Format	Color
RYB	224, 187, 142
Decimal	14723982
CIELab	74.16, 15.55, 22.46
CIELCh	74, 27.318, 55.299
Yxy	46.9469, 0.3887, 0.3635
Android (android.graphics.Color)	4292914062 (0xFFE0AB8E)
YUV	183.5410, -20.4797, 35.4825
Hunter-Lab	68.5178, 10.8632, 20.2659

Details

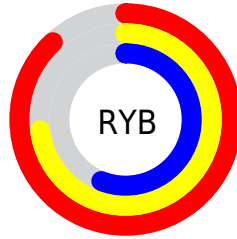
The RYB color **224, 187, 142** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142, 174, 224**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **253, 255, 196**, and **167, 134, 92** is the 20% darker color. If you saturate the color by 10%, you get **224, 177, 120**, and if you desaturate by 10%, it is **224, 199, 164**.

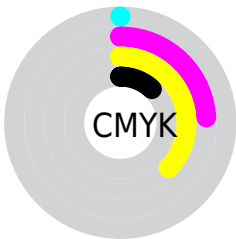
Distribution



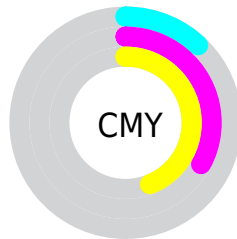
- Red (88%)
- Green (67%)
- Blue (56%)



- Red (88%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (12%)




- Cyan (12%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 187, 142 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 224, 187, 142 by changing the saturation by 10% instead.


 224, 187, 142

255, 255, 255

 253, 255, 196


 224, 255, 224

253, 255, 253

 224, 187, 142

 195, 159, 116

 167, 134, 92

 140, 109, 68

 113, 85, 45


 87, 60, 24

 62, 45, 0

 38, 2, 0

 0, 0, 0

 224, 187, 142

 224, 187, 142

■ 224, 177, 120

■ 224, 199, 164

■ 224, 167, 97

■ 224, 207, 187

■ 224, 157, 75

■ 224, 217, 209

■ 224, 147, 52

■ 224, 227, 232

■ 224, 137, 30

■ 224, 236, 254

■ 224, 125, 8

■ 224, 240, 255

■ 224, 122, 0

Harmonies

Analogous

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



233, 165, 162



224, 187, 142



172, 204, 133

Triad

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



224, 187, 142



123, 165, 196



181, 177, 228

Complementary

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



224, 187, 142



142, 174, 224

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.



146, 173, 232



224, 187, 142



108, 154, 203

Square

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



224, 187, 142



149, 189, 193



116, 160, 223



211, 169, 211

Rectangle

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



224, 187, 142



136, 187, 134



116, 160, 223



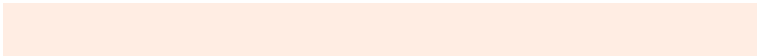
169, 178, 230

Sweetspot

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



224, 187, 142



255, 243, 227



224, 142, 195



128, 120, 111



0, 0, 0



128, 128, 128

Same Dimension

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



224, 187, 142



255, 205, 143



156, 224, 142



112, 107, 101



176, 96, 0



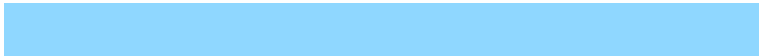
48, 26, 0

Inverse Universe

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



142, 174, 224



143, 187, 255



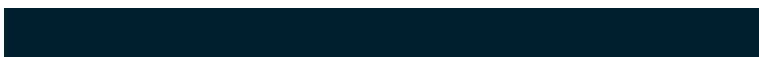
142, 152, 224



101, 105, 112



0, 69, 176



0, 19, 48

Previews

White Background



This preview shows how the RYB color 224, 187, 142 looks on a white background.

Color Contrast Check

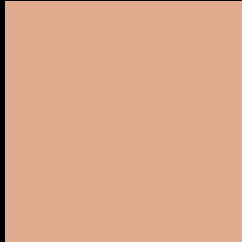
Large Text (above 18pt) WCAG AA × Fail

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 224, 187, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

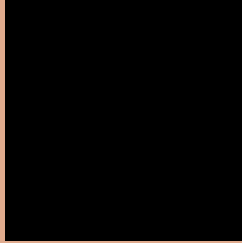
Any Text WCAG AA ✓ Pass

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 224, 187, 142 Background



This preview shows how black text looks on a background with the RYB color 224, 187, 142.

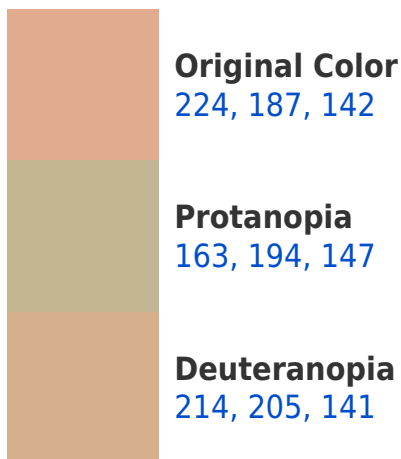



This preview shows how white text looks on a background with the RYB color 224, 187, 142.

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
228, 166, 179

Trichromacy



Original Color
224, 187, 142

Protanomaly
194, 205, 145

Deuteranomaly
218, 199, 141

Tritanomaly
227, 168, 166

Monochromacy



Original Color
224, 187, 142

Achromatopsia
184, 184, 184

Achromatomaly
199, 184, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 187, 142 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(224, 171, 142) looks like.

```
.text, #text, p{  
    color:rgb(224, 171, 142)  
}
```

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(224, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 171, 142) }
```

Border

The CSS property to change the border of an element to RYB 224, 187, 142 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(224, 171, 142) }
```

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

```
.border{ border-color:rgb(224, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(224, 171,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 224, 171, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 171, 142) }
```

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

```
.background{ background-color: rgb(224,  
171, 142) }
```

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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