

Converting Colors

`RYB(226, 212, 182)`

Have a look what the booklet for
RYB(226, 212, 182) contains.

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Color

R_YB(226, 212, 182)

Conversions

Conversions Part 1

Format	Color
Hex	E2C8B6
RGB	226, 200, 182
RGB Percent	89%, 78%, 71%
CMY	0.1137, 0.2163, 0.2863
CMYK	0.00, 0.12, 0.19, 0.11
HSL	24°, 43%, 80%
HSV	24°, 19%, 89%
XYZ	60.4243, 60.7796, 52.8029
YIQ	205.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

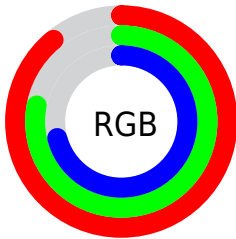
Format	Color
R _Y B	226, 212, 182
Decimal	14862518
CIE Lab	82.26, 6.39, 12.28
CIE LCh	82, 13.846, 62.509
Yxy	60.7796, 0.3473, 0.3493
Android (android.graphics.Color)	4293052598 (0xFFE2C8B6)
YUV	205.7220, -11.6949, 17.7838
Hunter-Lab	77.9613, 1.9150, 14.4160

Details

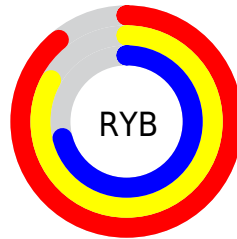
The RYB color **226, 212, 182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **182, 198, 226**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **238, 255, 238**, and **170, 158, 129** is the 20% darker color. If you saturate the color by 10%, you get **226, 204, 159**, and if you desaturate by 10%, it is **226, 218, 205**.

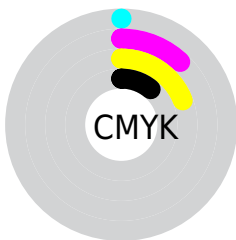
Distribution



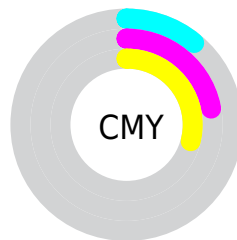
- Red (89%)
- Green (78%)
- Blue (71%)



- Red (89%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 212, 182 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 226, 212, 182 by changing the saturation by 10% instead.


 226, 212, 182

255, 255, 255

 238, 255, 238

 226, 212, 182


 198, 186, 155

 170, 158, 129

 143, 131, 104

 117, 108, 80

 92, 83, 57

 68, 59, 35

 45, 40, 14

 24, 3, 0

 0, 0, 0

 226, 212, 182

 226, 212, 182

 226, 204, 159


 226, 218, 205

 226, 197, 137


 226, 227, 227

 226, 192, 114


 226, 235, 250


 226, 182, 92

 226, 240, 255

 226, 177, 69

 226, 241, 255

 226, 169, 46

 226, 162, 24

 226, 154, 1

 226, 155, 0

Harmonies

Analogous

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



232, 198, 191



226, 212, 182



193, 214, 179

Triad

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



226, 212, 182



175, 195, 212



209, 201, 226

Complementary

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



226, 212, 182



182, 198, 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.



192, 202, 230



226, 212, 182



172, 193, 218

Square

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



226, 212, 182



185, 205, 211



178, 197, 227



223, 197, 217

Rectangle

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



226, 212, 182



181, 207, 183



178, 197, 227



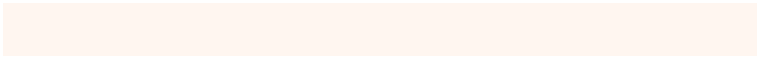
203, 202, 228

Sweetspot

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



226, 212, 182



255, 250, 240



226, 182, 208



128, 124, 119



0, 0, 0



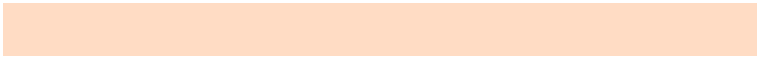
128, 128, 128

Same Dimension

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



226, 212, 182



255, 236, 196



186, 226, 182



112, 110, 101



176, 119, 0



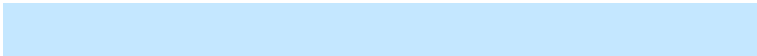
48, 34, 0

Inverse Universe

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



182, 198, 226



196, 218, 255



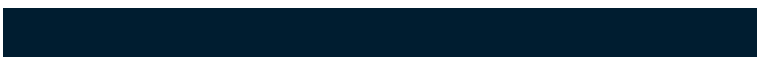
182, 186, 226



101, 105, 112



0, 66, 176



0, 18, 48

Previews

White Background



This preview shows how the RYB color 226, 212, 182 looks on a white background.

Color Contrast Check

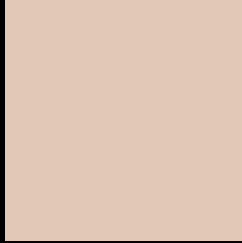
Large Text (above 18pt) WCAG AA × Fail

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 226, 212, 182 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 226, 212, 182 Background



This preview shows how black text looks on a background with the RYB color 226, 212, 182.



This preview shows how white text looks on a background with the RYB color 226, 212, 182.

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
226, 212, 182

Protanopia
197, 213, 184

Deuteranopia
233, 203, 182



Tritanopia
230, 196, 211

Trichromacy



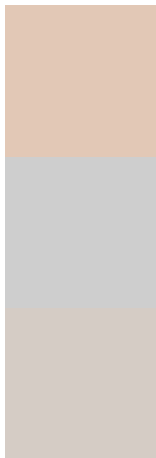
Original Color
226, 212, 182

Protanomaly
212, 218, 183

Deuteranomaly
230, 206, 182

Tritanomaly
229, 197, 200

Monochromacy



Original Color
226, 212, 182

Achromatopsia
206, 206, 206

Achromatomaly
213, 209, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 212, 182 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, 200, 182) looks like.

```
.text, #text, p{  
    color:rgb(226, 200, 182)  
}
```

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, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 200, 182) }
```

Border

The CSS property to change the border of an element to RYB 226, 212, 182 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, 200, 182) }
```

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

```
.border{ border-color:rgb(226, 200, 182) }
```

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

Here you see how a box with a 4 pixel rgb(226, 200, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 200,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 226, 212, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 200, 182) }
```

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

```
.background{ background-color: rgb(226,  
200, 182) }
```

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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