

Converting Colors

RGB(232, 178, 151)

Have a look what the booklet for
RGB(232, 178, 151) contains.

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Color

RGB(232, 178, 151)

Conversions

Conversions Part 1

Format	Color
Hex	E8B297
RGB	232, 178, 151
RGB Percent	91%, 70%, 59%
CMY	0.0902, 0.3020, 0.4078
CMYK	0.00, 0.23, 0.35, 0.09
HSL	20°, 64%, 75%
HSV	20°, 35%, 91%
XYZ	54.7850, 51.2310, 36.2792
YIQ	191.0680, 40.8510, 3.0510

Conversions

Conversions Part 2

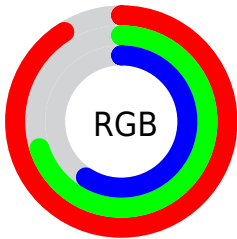
Format	Color
R _Y B	232, 192, 151
Decimal	15250071
CIE Lab	76.82, 16.03, 21.38
CIE LCh	77, 26.723, 53.134
Yxy	51.2310, 0.3850, 0.3600
Android (android.graphics.Color)	4293440151 (0xFFE8B297)
YUV	191.0680, -19.7535, 35.8974
Hunter-Lab	71.5758, 11.3685, 20.0511

Details

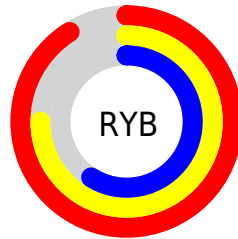
The RGB color **232, 178, 151** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **151, 205, 232**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 234, 205**, and **175, 125, 100** is the 20% darker color. If you saturate the color by 10%, you get **232, 163, 128**, and if you desaturate by 10%, it is **232, 193, 174**.

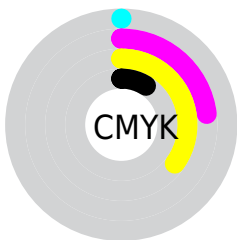
Distribution



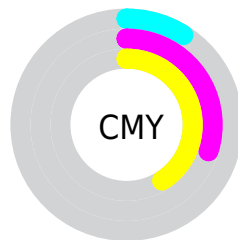
- Red (91%)
- Green (70%)
- Blue (59%)



- Red (91%)
- Yellow (75%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (9%)




- Cyan (9%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 178, 151 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 RGB color 232, 178, 151 by changing the saturation by 10% instead.


 232, 178, 151

255, 255, 255


 255, 234, 205

 255, 255, 234

 232, 178, 151

 203, 151, 125

 175, 125, 100

 147, 100, 76

 120, 76, 53

 94, 53, 31

 69, 31, 9

 44, 10, 0

 6, 0, 0

 0, 0, 0

■ 232, 178, 151

■ 232, 178, 151

■ 232, 163, 128

■ 232, 193, 174

■ 232, 147, 105

■ 232, 209, 197

■ 232, 132, 81

■ 232, 224, 221

■ 232, 116, 58

■ 232, 240, 244

■ 232, 101, 35

■ 232, 255, 255

■ 232, 85, 12

■ 232, 77, 0

Harmonies

Analogous

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



240, 173, 171



232, 178, 151



213, 186, 141

Triad

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



232, 178, 151



133, 203, 183



186, 185, 235

Complementary

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



232, 178, 151



151, 205, 232

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.



152, 194, 238



232, 178, 151



118, 203, 208

Square

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



232, 178, 151



159, 200, 159



124, 200, 228



216, 177, 220

Rectangle

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



232, 178, 151



197, 191, 141



124, 200, 228



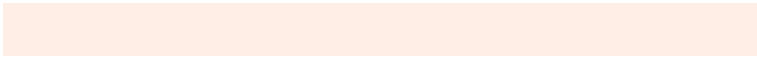
175, 188, 237

Sweetspot

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



232, 178, 151



255, 238, 230



232, 151, 205



128, 117, 112



0, 0, 0



128, 128, 128

Same Dimension

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



232, 178, 151



255, 184, 148



232, 217, 151



115, 107, 103



179, 59, 0



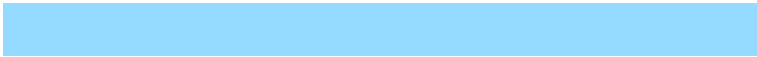
51, 17, 0

Inverse Universe

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



151, 205, 232



148, 219, 255



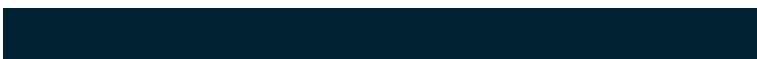
151, 165, 232



103, 111, 115



0, 119, 179



0, 34, 51

Previews

White Background



This preview shows how the RGB color 232, 178, 151 looks on a white background.

Color Contrast Check

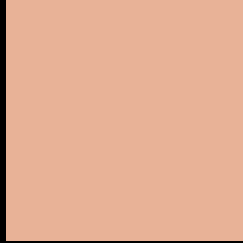
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 232, 178, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

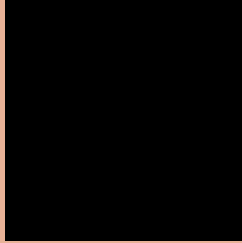
Any Text WCAG AA ✓ Pass

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](#).

RGB 232, 178, 151 Background



This preview shows how black text looks on a background with the RGB color 232, 178, 151.



This preview shows how white text looks on a background with the RGB color 232, 178, 151.

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
232, 178, 151

Protanopia
201, 189, 156

Deuteranopia
222, 182, 150



Tritanopia
236, 173, 186

Trichromacy



Original Color
232, 178, 151

Protanomaly
212, 185, 154

Deuteranomaly
226, 181, 150

Tritanomaly
235, 175, 173

Monochromacy



Original Color
232, 178, 151

Achromatopsia
191, 191, 191

Achromatomaly
206, 186, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 178, 151 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(232, 178, 151)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 151)  
}
```

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(232, 178, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 151) }
```

Border

The CSS property to change the border of an element to RGB 232, 178, 151 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(232, 178, 151) }
```

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

```
.border{ border-color:rgb(232, 178, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 178, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 151);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 232, 178, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 151) }
```

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

```
.background{ background-color: rgb(232,  
178, 151) }
```

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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