

Converting Colors

RGB(236, 163, 142)

Have a look what the booklet for
RGB(236, 163, 142) contains.

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Color

RGB(236, 163, 142)

Conversions

Conversions Part 1

Format	Color
Hex	ECA38E
RGB	236, 163, 142
RGB Percent	93%, 64%, 56%
CMY	0.0745, 0.3608, 0.4431
CMYK	0.00, 0.31, 0.40, 0.07
HSL	13°, 71%, 74%
HSV	13°, 40%, 93%
XYZ	52.5717, 45.9802, 31.6954
YIQ	182.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

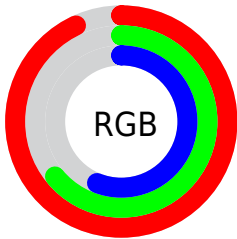
Format	Color
R _Y B	236, 169, 142
Decimal	15508366
CIE Lab	73.53, 24.52, 21.82
CIE LCh	74, 32.818, 41.668
Yxy	45.9802, 0.4036, 0.3530
Android (android.graphics.Color)	4293698446 (0xFFECA38E)
YUV	182.4330, -19.9335, 46.9783
Hunter-Lab	67.8087, 19.7248, 19.7525

Details

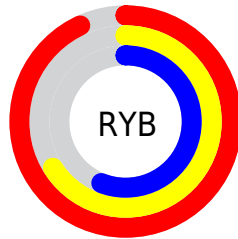
The RGB color **236, 163, 142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **142, 215, 236**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 218, 196**, and **178, 111, 92** is the 20% darker color. If you saturate the color by 10%, you get **236, 145, 118**, and if you desaturate by 10%, it is **236, 181, 166**.

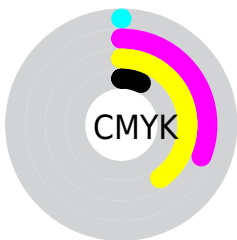
Distribution



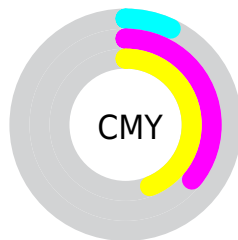
- Red (93%)
- Green (64%)
- Blue (56%)



- Red (93%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (7%)




- Cyan (7%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 236, 163, 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 RGB color 236, 163, 142 by changing the saturation by 10% instead.

 236, 163, 142

 236, 163, 142

255, 255, 255

 207, 136, 116

 255, 218, 196

 178, 111, 92

 255, 247, 224

 150, 86, 68

255, 255, 252

 122, 62, 46


 95, 39, 24

 69, 16, 0

 44, 0, 0


 0, 0, 0

 236, 163, 142


 236, 163, 142

 236, 145, 118

 236, 181, 166

 236, 126, 95

 236, 200, 189

 236, 108, 71

 236, 218, 213

 236, 90, 48

 236, 236, 236

 236, 71, 24

 236, 255, 255

 236, 53, 0

 236, 255, 255

 236, 53, 0

Harmonies

Analogous

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



240, 158, 170



236, 163, 142



218, 172, 124

Triad

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



236, 163, 142



121, 196, 161



158, 179, 239

Complementary

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



236, 163, 142



142, 215, 236

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.



113, 189, 237



236, 163, 142



89, 197, 192

Square

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



236, 163, 142



156, 191, 135



82, 195, 220



200, 169, 226

Rectangle

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



236, 163, 142



200, 179, 120



82, 195, 220



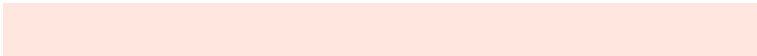
143, 183, 240

Sweetspot

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



236, 163, 142



255, 231, 224



236, 142, 216



128, 114, 110



0, 0, 0



128, 128, 128

Same Dimension

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



236, 163, 142



255, 160, 133



236, 209, 142



117, 108, 106



181, 40, 0



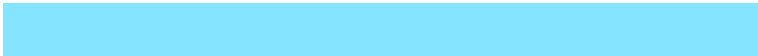
54, 12, 0

Inverse Universe

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



142, 215, 236



133, 228, 255



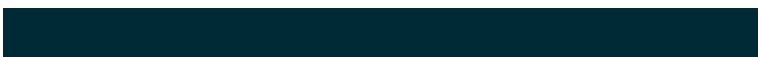
142, 169, 236



106, 115, 117



0, 141, 181



0, 42, 54

Previews

White Background



This preview shows how the RGB color 236, 163, 142 looks on a white background.

Color Contrast Check

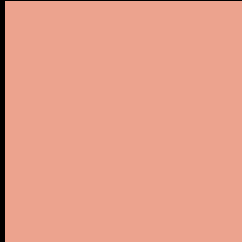
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 236, 163, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

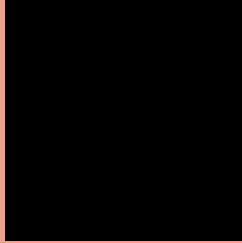
Any Text WCAG AA ✓ Pass

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](#).

RGB 236, 163, 142 Background



This preview shows how black text looks on a background with the RGB color 236, 163, 142.

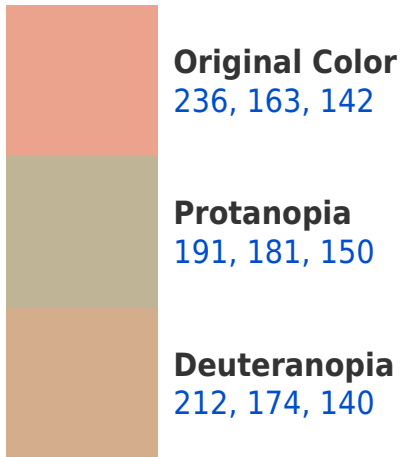



This preview shows how white text looks on a background with the RGB color 236, 163, 142.

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
239, 159, 171

Trichromacy



Original Color
236, 163, 142

Protanomaly
207, 174, 147

Deuteranomaly
221, 170, 141

Tritanomaly
238, 160, 160

Monochromacy



Original Color
236, 163, 142

Achromatopsia
182, 182, 182

Achromatomaly
202, 175, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 163, 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(236, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 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(236, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 142) }
```

Border

The CSS property to change the border of an element to RGB 236, 163, 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(236, 163, 142) }
```

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

```
.border{ border-color:rgb(236, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 163, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 163, 142); box-shadow:4px 4px 4px 4px rgb(236, 163, 142) }
```

Background

The CSS property to change the background color of an element to RGB 236, 163, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 142) }
```

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

```
.background{ background-color: rgb(236,  
163, 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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