

Converting Colors

RGB(242, 216, 193)

Have a look what the booklet for
RGB(242, 216, 193) contains.

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Color

RGB(242, 216, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F2D8C1
RGB	242, 216, 193
RGB Percent	95%, 85%, 76%
CMY	0.0510, 0.1529, 0.2431
CMYK	0.00, 0.11, 0.20, 0.05
HSL	28°, 65%, 85%
HSV	28°, 20%, 95%
XYZ	70.7995, 71.8392, 60.5869
YIQ	221.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

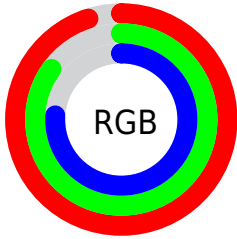
Format	Color
R_{YB}	242, 236, 193
Decimal	15915201
CIE _{Lab}	87.89, 5.44, 14.62
CIE _{LCh}	88, 15.600, 69.595
Yxy	71.8392, 0.3484, 0.3535
Android (android.graphics.Color)	4294105281 (0xFFFF2D8C1)
YUV	221.1520, -13.8789, 18.2837
Hunter-Lab	84.7580, 0.7768, 16.9488

Details

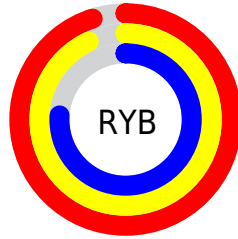
The RGB color **242, 216, 193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 219, 242**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 249**, and **185, 161, 139** is the 20% darker color. If you saturate the color by 10%, you get **242, 203, 169**, and if you desaturate by 10%, it is **242, 229, 217**.

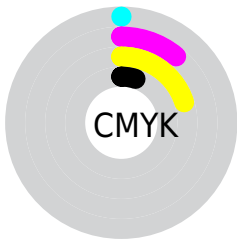
Distribution



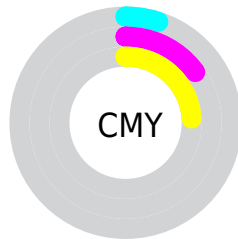
- Red (95%)
- Green (85%)
- Blue (76%)



- Red (95%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 216, 193 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 242, 216, 193 by changing the saturation by 10% instead.

 242, 216, 193

255, 255, 255

 255, 255, 249

 242, 216, 193


 213, 188, 166


 185, 161, 139

 158, 135, 114

 132, 110, 89

 106, 85, 66

 81, 62, 44

 58, 40, 23

 36, 20, 0


 0, 0, 0

 242, 216, 193


 242, 216, 193

 242, 203, 169

 242, 229, 217

 242, 190, 145

 242, 242, 241

 242, 177, 120

 242, 255, 255

 242, 165, 96

 242, 255, 255

 242, 152, 72

 242, 139, 48

 242, 126, 24

 242, 114, 0

Harmonies

Analogous

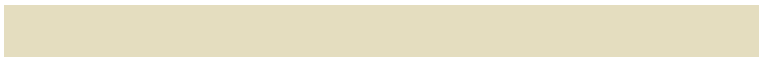
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 212, 202



242, 216, 193



228, 221, 191

Triad

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



242, 216, 193



184, 229, 225



229, 215, 243

Complementary

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



242, 216, 193



193, 219, 242

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.



210, 220, 249



242, 216, 193



183, 228, 239

Square

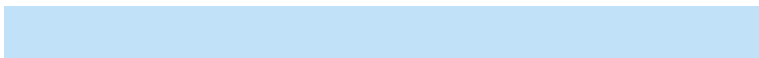
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 216, 193



195, 228, 210



193, 225, 248



244, 211, 231

Rectangle

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



242, 216, 193



216, 224, 194



193, 225, 248



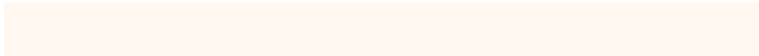
223, 217, 246

Sweetspot

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



242, 216, 193



255, 247, 240



242, 193, 219



128, 123, 119



0, 0, 0



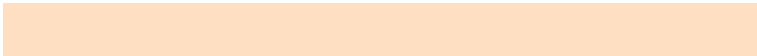
128, 128, 128

Same Dimension

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



242, 216, 193



255, 223, 194



242, 240, 193



120, 113, 108



184, 86, 0



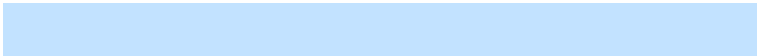
56, 26, 0

Inverse Universe

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



193, 219, 242



194, 226, 255



193, 195, 242



108, 114, 120



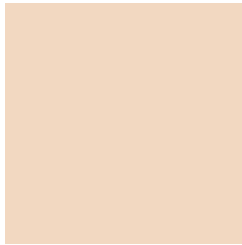
0, 97, 184



0, 30, 56

Previews

White Background



This preview shows how the RGB color 242, 216, 193 looks on a white background.

Color Contrast Check

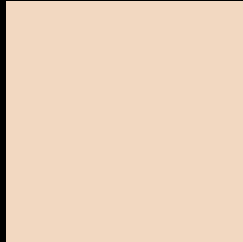
Large Text (above 18pt) WCAG AA × Fail

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 242, 216, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

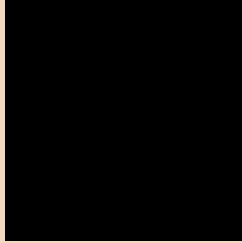
Any Text WCAG AA ✓ Pass

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 242, 216, 193 Background



This preview shows how black text looks on a background with the RGB color 242, 216, 193.




This preview shows how white text looks on a background with the RGB color 242, 216, 193.

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 242, 216, 193
Protanopia 230, 220, 195
Deuteranopia 251, 212, 194



Tritanopia
246, 211, 227

Trichromacy



Original Color

242, 216, 193

Protanomaly

234, 219, 194

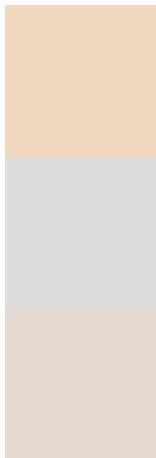
Deuteranomaly

248, 213, 194

Tritanomaly

245, 213, 215

Monochromacy



Original Color

242, 216, 193

Achromatopsia

221, 221, 221

Achromatomaly

229, 219, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 216, 193 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(242, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 193)  
}
```

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(242, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 193) }
```

Border

The CSS property to change the border of an element to RGB 242, 216, 193 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(242, 216, 193) }
```

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

```
.border{ border-color:rgb(242, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 242, 216, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 193) }
```

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

```
.background{ background-color: rgb(242,  
216, 193) }
```

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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