

Converting Colors

RGB(240, 204, 164)

Have a look what the booklet for
RGB(240, 204, 164) contains.

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Color

RGB(240, 204, 164)

Conversions

Conversions Part 1

Format	Color
Hex	F0CCA4
RGB	240, 204, 164
RGB Percent	94%, 80%, 64%
CMY	0.0588, 0.2000, 0.3569
CMYK	0.00, 0.15, 0.32, 0.06
HSL	32°, 72%, 79%
HSV	32°, 32%, 94%
XYZ	64.2289, 64.3913, 44.1655
YIQ	210.2040, 34.2960, -4.8080

Conversions

Conversions Part 2

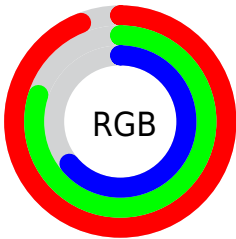
Format	Color
R _Y B	232, 240, 164
Decimal	15781028
CIE Lab	84.17, 7.00, 24.66
CIE LCh	84, 25.632, 74.143
Yxy	64.3913, 0.3717, 0.3727
Android (android.graphics.Color)	4293971108 (0xFFFF0CCA4)
YUV	210.2040, -22.7786, 26.1311
Hunter-Lab	80.2442, 2.4472, 23.5384

Details

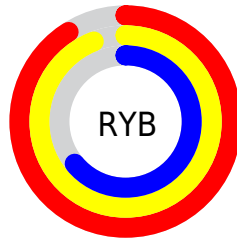
The RGB color **240, 204, 164** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164, 200, 240**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 219**, and **183, 150, 112** is the 20% darker color. If you saturate the color by 10%, you get **240, 193, 140**, and if you desaturate by 10%, it is **240, 215, 188**.

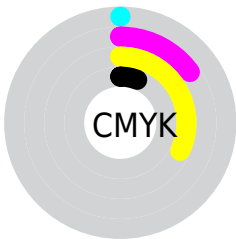
Distribution



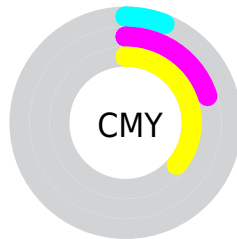
- Red (94%)
- Green (80%)
- Blue (64%)



- Red (91%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 204, 164 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 240, 204, 164 by changing the saturation by 10% instead.

 240, 204, 164

 240, 204, 164

255, 255, 255

 211, 177, 138

 255, 255, 219

 183, 150, 112

 255, 255, 248

 155, 124, 87

 128, 99, 64

 102, 75, 41

 77, 53, 20


 54, 31, 0

 30, 9, 0


 0, 0, 0

 240, 204, 164


 240, 204, 164

 240, 193, 140


 240, 215, 188

 240, 181, 116


 240, 227, 212

 240, 170, 92


 240, 238, 236

 240, 159, 68

 240, 249, 255

 240, 147, 44

 240, 255, 255

 240, 136, 20

 240, 126, 0

Harmonies

Analogous

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



255, 197, 177



240, 204, 164



216, 212, 163

Triad

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



240, 204, 164



145, 224, 221



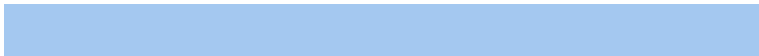
228, 200, 245

Complementary

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



240, 204, 164



164, 200, 240

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.



197, 208, 255



240, 204, 164



145, 221, 243

Square

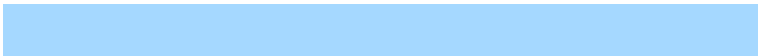
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 204, 164



163, 223, 196



165, 216, 255



250, 194, 224

Rectangle

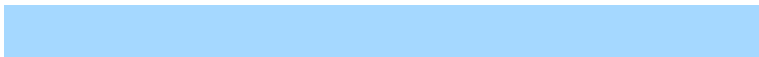
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 204, 164



198, 217, 170



165, 216, 255



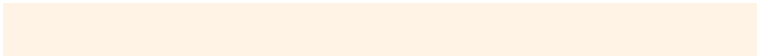
218, 203, 250

Sweetspot

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



240, 204, 164



255, 243, 230



240, 164, 201



128, 120, 112



0, 0, 0



128, 128, 128

Same Dimension

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



240, 204, 164



255, 209, 158



239, 240, 164



120, 114, 108



184, 97, 0



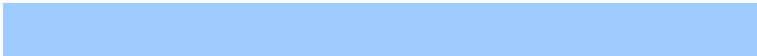
56, 30, 0

Inverse Universe

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



164, 200, 240



158, 204, 255



165, 164, 240



108, 114, 120



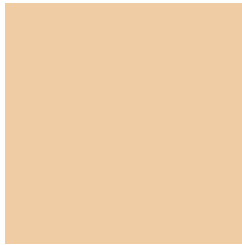
0, 87, 184



0, 27, 56

Previews

White Background



This preview shows how the RGB color 240, 204, 164 looks on a white background.

Color Contrast Check

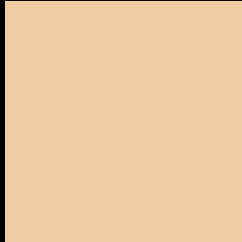
Large Text (above 18pt) WCAG AA × Fail

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 240, 204, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

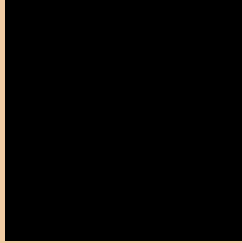
Any Text WCAG AA ✓ Pass

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 240, 204, 164 Background



This preview shows how black text looks on a background with the RGB color 240, 204, 164.



This preview shows how white text looks on a background with the RGB color 240, 204, 164.

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
240, 204, 164

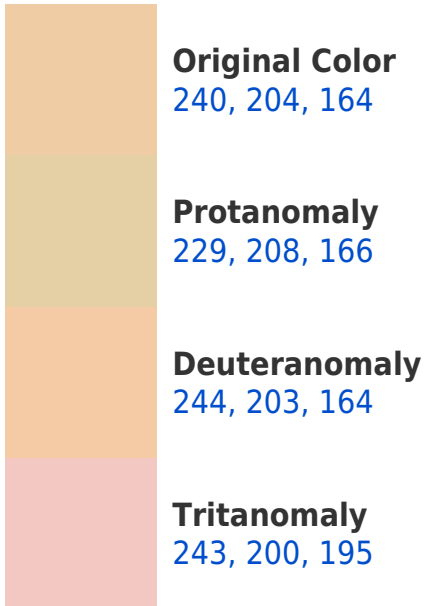
Protanopia
223, 210, 167

Deuteranopia
246, 202, 164



Tritanopia
245, 197, 213

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 204, 164 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(240, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 164)  
}
```

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(240, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 164) }
```

Border

The CSS property to change the border of an element to RGB 240, 204, 164 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(240, 204, 164) }
```

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

```
.border{ border-color:rgb(240, 204, 164) }
```

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

Here you see how a box with a 4 pixel rgb(240, 204, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 240, 204, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 164) }
```

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

```
.background{ background-color: rgb(240,  
204, 164) }
```

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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