

Converting Colors

RGB(255, 228, 160)

Have a look what the booklet for
RGB(255, 228, 160) contains.

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Color

RGB(255, 228, 160)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4A0
RGB	255, 228, 160
RGB Percent	100%, 89%, 63%
CMY	0.0000, 0.1059, 0.3725
CMYK	0.00, 0.11, 0.37, 0.00
HSL	43°, 100%, 81%
HSV	43°, 37%, 100%
XYZ	75.3286, 79.2849, 44.5910
YIQ	228.3210, 37.9200, -15.4240

Conversions

Conversions Part 2

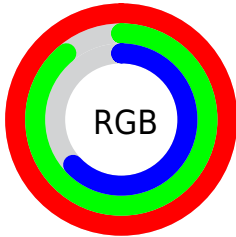
Format	Color
RYB	198, 255, 160
Decimal	16770208
CIELab	91.36, -0.06, 36.59
CIELCh	91, 36.586, 90.094
Yxy	79.2849, 0.3781, 0.3980
Android (android.graphics.Color)	4294960288 (0xFFFFE4A0)
YUV	228.3210, -33.6823, 23.3975
Hunter-Lab	89.0421, -4.8146, 32.6379

Details

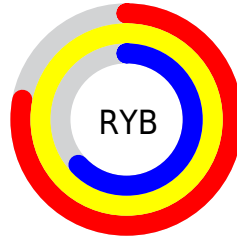
The RGB color **255, 228, 160** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **160, 187, 255**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 215**, and **197, 173, 108** is the 20% darker color. If you saturate the color by 10%, you get **255, 221, 134**, and if you desaturate by 10%, it is **255, 235, 186**.

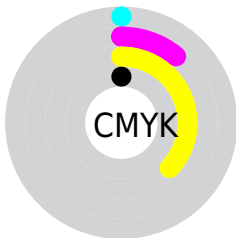
Distribution



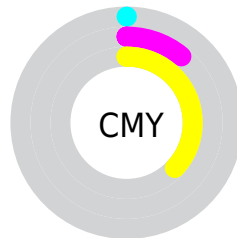
- Red (100%)
- Green (89%)
- Blue (63%)



- Red (78%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 228, 160 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 255, 228, 160 by changing the saturation by 10% instead.

 255, 228, 160

 255, 228, 160


255, 255, 255


 226, 200, 133


 255, 255, 215

 197, 173, 108

 255, 255, 244

 169, 146, 83

 141, 121, 58

 115, 96, 35

 88, 72, 10

 64, 50, 0

 39, 29, 0

 8, 5, 0

■ 255, 228, 160

■ 255, 228, 160

■ 255, 221, 134

■ 255, 235, 186

■ 255, 214, 109

■ 255, 242, 211

■ 255, 206, 84

■ 255, 250, 237

■ 255, 199, 58

255, 255, 255

■ 255, 192, 33

■ 255, 185, 7

■ 255, 183, 0

Harmonies

Analogous

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



255, 216, 171



255, 228, 160



218, 239, 169

Triad

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



255, 228, 160



119, 249, 255



255, 210, 255

Complementary

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



255, 228, 160



160, 187, 255

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.



235, 221, 255



255, 228, 160



138, 243, 255

Square

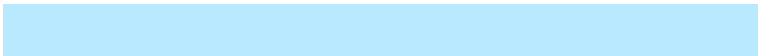
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 228, 160



139, 250, 229



185, 233, 255



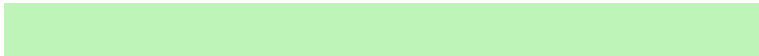
255, 204, 231

Rectangle

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



255, 228, 160



191, 244, 184



185, 233, 255



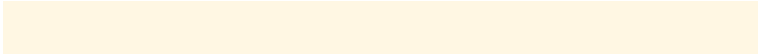
255, 213, 255

Sweetspot

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



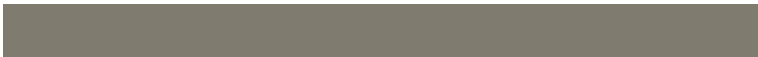
255, 228, 160



255, 247, 227



255, 160, 189



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

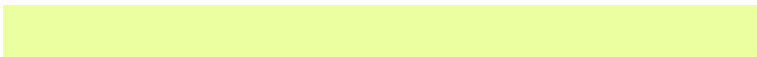
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 228, 160



255, 222, 140



236, 255, 160



128, 124, 115



191, 137, 0



64, 46, 0

Inverse Universe

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



160, 187, 255



140, 173, 255



179, 160, 255



115, 118, 128



0, 54, 191



0, 18, 64

Previews

White Background



This preview shows how the RGB color 255, 228, 160 looks on a white background.

Color Contrast Check

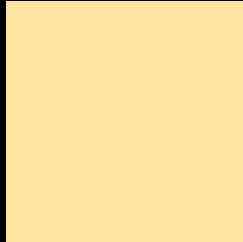
Large Text (above 18pt) WCAG AA × Fail

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 255, 228, 160 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 255, 228, 160 Background



This preview shows how black text looks on a background with the RGB color 255, 228, 160.



This preview shows how white text looks on a background with the RGB color 255, 228, 160.

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
255, 228, 160

Protanopia
249, 230, 161

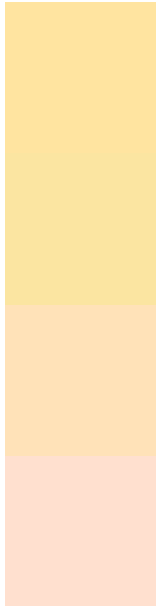
Deuteranopia
255, 225, 197



Tritanopia

255, 222, 234

Trichromacy



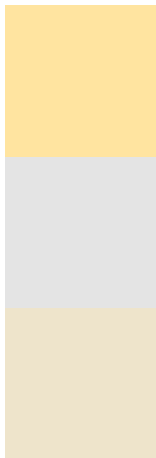
Original Color
255, 228, 160

Protanomaly
251, 229, 161

Deuteranomaly
255, 226, 184

Tritanomaly
255, 224, 207

Monochromacy



Original Color
255, 228, 160

Achromatopsia
228, 228, 228

Achromatomaly
238, 228, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 228, 160 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(255, 228, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 160)  
}
```

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(255, 228, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 160) }
```

Border

The CSS property to change the border of an element to RGB 255, 228, 160 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(255, 228, 160) }
```

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

```
.border{ border-color:rgb(255, 228, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 255, 228, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 160) }
```

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

```
.background{ background-color: rgb(255,  
228, 160) }
```

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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