

Converting Colors

RGB(254, 255, 128)

Have a look what the booklet for
RGB(254, 255, 128) contains.

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Color

RGB(254, 255, 128)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF80
RGB	254, 255, 128
RGB Percent	100%, 100%, 50%
CMY	0.0039, 0.0000, 0.4980
CMYK	0.00, 0.00, 0.50, 0.00
HSL	60°, 100%, 75%
HSV	60°, 50%, 100%
XYZ	80.5293, 94.1493, 34.3504
YIQ	240.2230, 40.1710, -39.7090

Conversions

Conversions Part 2

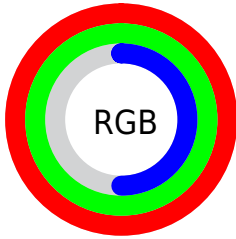
Format	Color
R_{YB}	128, 255, 129
Decimal	16711552
CIE _{Lab}	97.69, -16.93, 59.87
CIE _{LCh}	98, 62.217, 105.788
Yxy	94.1493, 0.3853, 0.4504
Android (android.graphics.Color)	4294901632 (0xFFFEFF80)
YUV	240.2230, -55.3259, 12.0824
Hunter-Lab	97.0306, -21.6597, 46.9318

Details

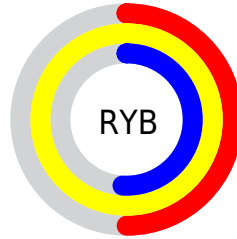
The RGB color **254, 255, 128** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **129, 128, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 184**, and **195, 198, 74** is the 20% darker color. If you saturate the color by 10%, you get **254, 255, 103**, and if you desaturate by 10%, it is **254, 255, 154**.

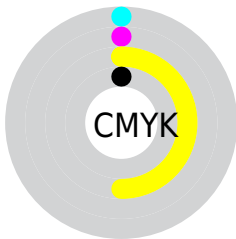
Distribution



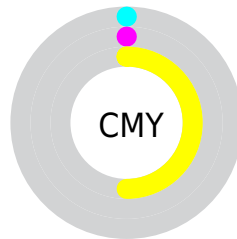
- Red (100%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 254, 255, 128 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 254, 255, 128 by changing the saturation by 10% instead.

 254, 255, 128

255, 255, 255


 255, 255, 184


 255, 255, 212

 255, 255, 241


 254, 255, 128

 224, 226, 101

 195, 198, 74

 166, 171, 46

 138, 145, 9

 111, 119, 0

 84, 95, 0

 58, 71, 0

 32, 49, 0


 0, 29, 0

 254, 255, 128


 254, 255, 128

 254, 255, 103


 254, 255, 154

 254, 255, 77

 254, 255, 179

 253, 255, 51

 255, 255, 205

 253, 255, 26

 255, 255, 230

 253, 255, 0

255, 255, 255

 253, 255, 0

Harmonies

Analogous

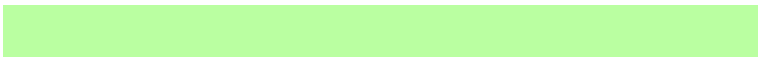
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 130



254, 255, 128



186, 255, 161

Triad

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



254, 255, 128



0, 255, 255



255, 202, 255

Complementary

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



254, 255, 128



129, 128, 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.



255, 220, 255



254, 255, 128



61, 255, 255

Square

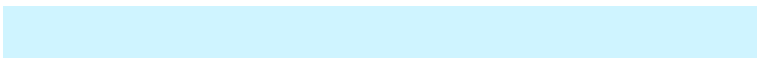
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



254, 255, 128



0, 255, 255



207, 244, 255



255, 199, 219

Rectangle

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



254, 255, 128



129, 255, 197



207, 244, 255



255, 207, 255

Sweetspot

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



254, 255, 128



255, 255, 217



255, 128, 128



127, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

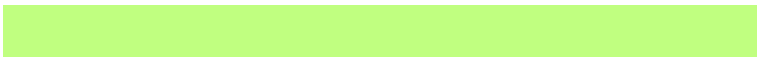
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 255, 128



254, 255, 102



192, 255, 128



127, 128, 115



190, 191, 0



63, 64, 0

Inverse Universe

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



129, 128, 255



103, 102, 255



192, 128, 255



115, 115, 128



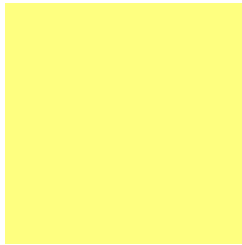
2, 0, 191



1, 0, 64

Previews

White Background



This preview shows how the RGB color 254, 255, 128 looks on a white background.

Color Contrast Check

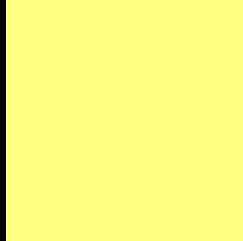
Large Text (above 18pt) WCAG AA × Fail

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 254, 255, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

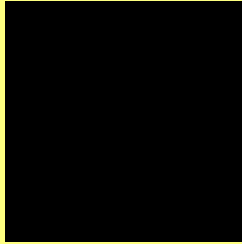
Any Text WCAG AA ✓ Pass

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 254, 255, 128 Background



This preview shows how black text looks on a background with the RGB color 254, 255, 128.

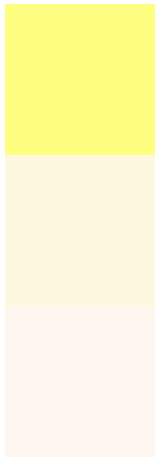


This preview shows how white text looks on a background with the RGB color 254, 255, 128.

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
254, 255, 128

Protanopia
255, 248, 225

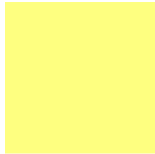
Deuteranopia
255, 247, 239



Tritanopia

255, 246, 252

Trichromacy



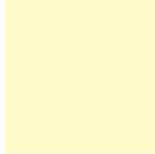
Original Color

254, 255, 128



Protanomaly

255, 251, 190



Deuteranomaly

255, 250, 199



Tritanomaly

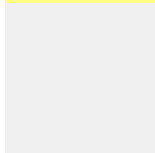
255, 249, 207

Monochromacy



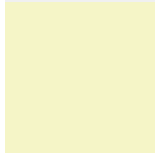
Original Color

254, 255, 128



Achromatopsia

240, 240, 240



Achromatomaly

245, 245, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 254, 255, 128 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(254, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 128)  
}
```

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(254, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 128) }
```

Border

The CSS property to change the border of an element to RGB 254, 255, 128 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(254, 255, 128) }
```

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

```
.border{ border-color:rgb(254, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 254, 255, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 128) }
```

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

```
.background{ background-color: rgb(254,  
255, 128) }
```

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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