

# Converting Colors

RGB(255, 255, 240)

Have a look what the booklet for  
RGB(255, 255, 240) contains.

<b>RGB(255, 255, 240)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(255, 255, 240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFFF0
RGB	255, 255, 240
RGB Percent	100%, 100%, 94%
CMY	0.0000, 0.0000, 0.0588
CMYK	0.00, 0.00, 0.06, 0.00
HSL	60°, 100%, 97%
HSV	60°, 6%, 100%
XYZ	92.7282, 99.0713, 96.6734
YIQ	253.2900, 4.8150, -4.6650

# Conversions

## Conversions Part 2

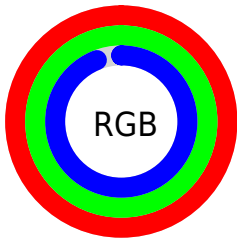
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 255, 240
Decimal	16777200
CIE Lab	99.64, -2.55, 7.15
CIE LCh	100, 7.593, 109.599
Yxy	99.0713, 0.3214, 0.3434
Android (android.graphics.Color)	4294967280 (0xFFFFFFFF0)
YUV	253.2900, -6.5520, 1.4997
Hunter-Lab	99.5346, -7.8917, 12.0885

# Details

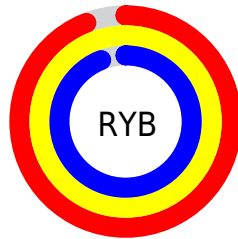
The RGB color 255, 255, 240 is a light color, and the websafe version is hex FFFFFFFF, and the color name is [ivory](#). A complement of this color would be 240, 240, 255, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 198, 198, 184 is the 20% darker color. If you saturate the color by 10%, you get 255, 255, 215, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



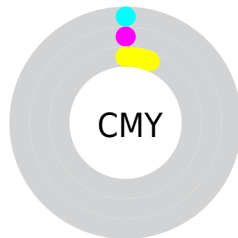
- Red (100%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 255, 255, 240 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, 255, 240 by changing the saturation by 10% instead.




 255, 255, 240

 255, 255, 240

255, 255, 255


 226, 226, 212


 198, 198, 184


 171, 171, 157

 144, 145, 131

 119, 119, 106

 94, 94, 82

 70, 71, 59

 48, 48, 37

 27, 27, 16

 255, 255, 240

 255, 255, 240

 255, 255, 215


255, 255, 255


 255, 255, 189


 255, 255, 163


 255, 255, 138

 255, 255, 113

 255, 255, 87

 255, 255, 61

 255, 255, 36

 255, 255, 10

# Harmonies

## Analogous

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



255, 253, 240



255, 255, 240



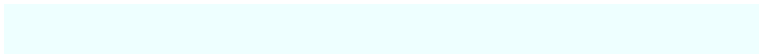
246, 255, 244

# Triad

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



255, 255, 240



238, 255, 255



255, 249, 255

# Complementary

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



255, 255, 240



240, 240, 255

# Split Complementary

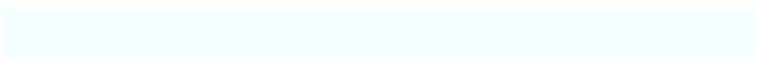
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 251, 255



255, 255, 240



244, 255, 255

# Square

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



255, 255, 240



236, 255, 255



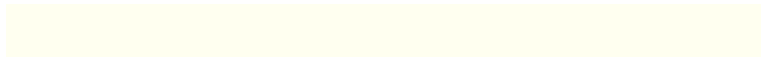
252, 253, 255



255, 249, 249

# Rectangle

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



255, 255, 240



241, 255, 249



252, 253, 255



255, 250, 255

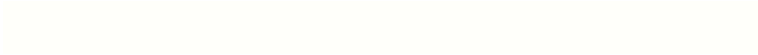


# Sweetspot

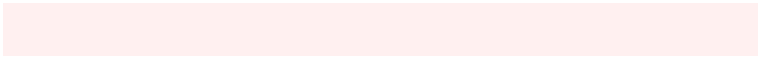
The Sweet Spot groups the original color and five complimentary colors.



255, 255, 240



255, 255, 250



255, 240, 240



128, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



255, 255, 240



255, 255, 237



248, 255, 240



128, 128, 117



191, 191, 0



64, 64, 0



# Inverse Universe

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



240, 240, 255



237, 237, 255



248, 240, 255



117, 117, 128



0, 0, 191



0, 0, 64



# Previews

## White Background



This preview shows how the RGB color 255, 255, 240 looks on a white background.

## Color Contrast Check

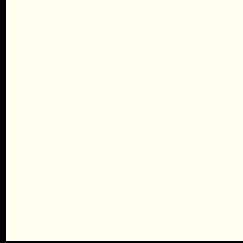
Large Text (above 18pt) WCAG AA × Fail

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, 255, 240 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, 255, 240 Background



This preview shows how black text looks on a background with the RGB color 255, 255, 240.



This preview shows how white text looks on a background with the RGB color 255, 255, 240.

# 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, 255, 240

**Protanopia**  
255, 254, 252

**Deuteranopia**  
255, 254, 254

# Tritanopia

254, 254, 255

# Trichromacy



## Original Color

255, 255, 240



## Protanomaly

255, 254, 248



## Deuteranomaly

255, 254, 249



## Tritanomaly

254, 254, 250

# Monochromacy



## Original Color

255, 255, 240



## Achromatopsia

253, 253, 253



## Achromatomaly

254, 254, 248

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 255, 255, 240 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, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 240)  
}
```

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, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 240) }
```

## Border

The CSS property to change the border of an element to RGB 255, 255, 240 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, 255, 240) }
```

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

```
.border{ border-color:rgb(255, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
240) }
```

# Background

The CSS property to change the background color of an element to RGB 255, 255, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 240) }
```

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

```
.background{ background-color: rgb(255,  
255, 240) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor