

# Converting Colors

`RYB(193, 218, 192)`

Have a look what the booklet for  
RYB(193, 218, 192) contains.

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# **Color**

**R<sub>Y</sub>B(193, 218, 192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DAD9C0
RGB	218, 217, 192
RGB Percent	85%, 85%, 75%
CMY	0.1451, 0.1489, 0.2471
CMYK	0.00, 0.00, 0.12, 0.15
HSL	58°, 26%, 80%
HSV	58°, 12%, 85%
XYZ	63.2503, 68.3560, 59.7296
YIQ	214.4490, 8.6210, -7.5630

# Conversions

## Conversions Part 2

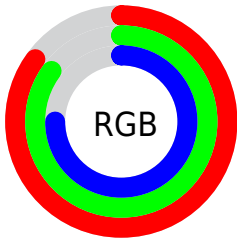
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 218, 192
Decimal	14342592
CIELab	86.18, -3.92, 12.46
CIELCh	86, 13.061, 107.474
Yxy	68.3560, 0.3306, 0.3573
Android (android.graphics.Color)	4292532672 (0xFFDAD9C0)
YUV	214.4490, -11.0674, 3.1142
Hunter-Lab	82.6777, -8.1295, 15.0410

# Details

The RYB color **193, 218, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 193, 218**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **248, 255, 248**, and **140, 163, 139** is the 20% darker color. If you saturate the color by 10%, you get **172, 218, 170**, and if you desaturate by 10%, it is **214, 218, 214**.

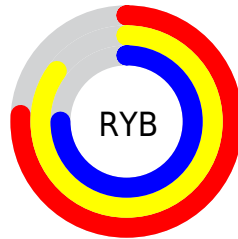
# Distribution



Red (85%)

Green (85%)

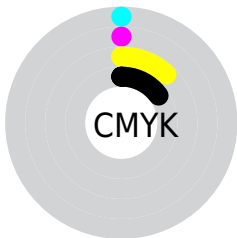
Blue (75%)



Red (76%)

Yellow (85%)

Blue (75%)

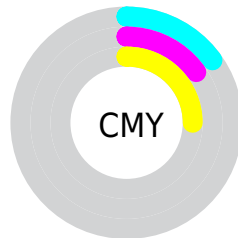


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 193, 218, 192 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 RYB color 193, 218, 192 by changing the saturation by 10% instead.





 193, 218, 192


255, 255, 255

 248, 255, 248

 193, 218, 192

 166, 190, 165

 140, 163, 139

 114, 137, 113

 89, 111, 89

 66, 87, 65

 43, 63, 43

 22, 41, 22

 0, 21, 0

 0, 0, 0

 193, 218, 192

 193, 218, 192

 172, 218, 170

 214, 218, 214

 151, 218, 148

 218, 219, 236

 130, 218, 127

 218, 219, 255

 109, 218, 105

 218, 220, 255

 88, 218, 83

 218, 221, 255

 67, 218, 61

 218, 222, 255

 46, 218, 39

 218, 222, 255

 25, 218, 18

 218, 223, 255

 8, 218, 0

# Harmonies

## Analogous

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



225, 231, 192



193, 218, 192



199, 221, 216

# Triad

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



193, 218, 192



187, 207, 233



238, 208, 221

# Complementary

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



193, 218, 192



192, 193, 218

# 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.



227, 210, 232



193, 218, 192



197, 211, 239

# Square

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



193, 218, 192



185, 204, 223



212, 214, 239



242, 207, 209

# Rectangle

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



193, 218, 192



195, 214, 222



212, 214, 239



235, 208, 225

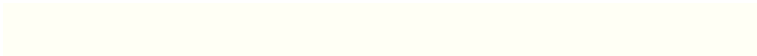


# Sweetspot

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



193, 218, 192



245, 255, 245



218, 192, 193



122, 128, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



193, 218, 192



220, 255, 219



192, 218, 204



100, 110, 99



6, 173, 0



2, 46, 0



# Inverse Universe

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



192, 193, 218



219, 221, 255



204, 192, 218



99, 99, 110



0, 6, 173

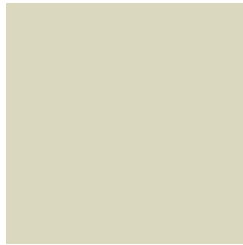


0, 2, 46



# Previews

## White Background



This preview shows how the RYB color 193, 218, 192 looks on a white background.

## Color Contrast Check

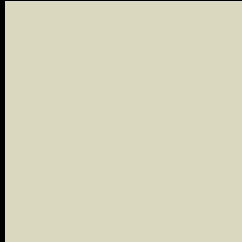
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 193, 218, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

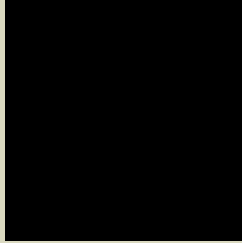
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

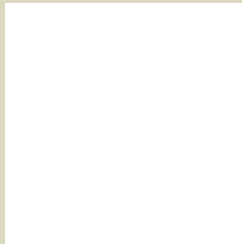
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **R/Y/B 193, 218, 192 Background**



This preview shows how black text looks on a background with the R/Y/B color 193, 218, 192.



This preview shows how white text looks on a background with the R/Y/B color 193, 218, 192.

# 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**  
193, 218, 192

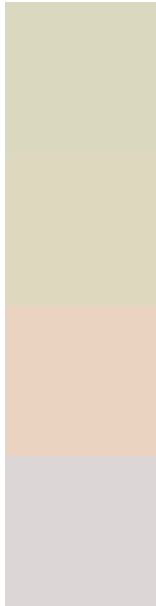
**Protanopia**  
205, 225, 191

**Deuteranopia**  
244, 213, 194



**Tritanopia**  
223, 212, 228

# Trichromacy



**Original Color**

193, 218, 192

**Protanomaly**

198, 222, 191

**Deuteranomaly**

235, 225, 193

**Tritanomaly**

221, 214, 215

# Monochromacy



**Original Color**

193, 218, 192

**Achromatopsia**

214, 214, 214

**Achromatomaly**

206, 215, 206

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 193, 218, 192 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(218, 217, 192) looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 192)  
}
```

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(218, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 192) }
```

## Border

The CSS property to change the border of an element to RYB 193, 218, 192 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(218, 217, 192) }
```

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

```
.border{ border-color:rgb(218, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
192) }
```

# Background

The CSS property to change the background color of an element to RYB 193, 218, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 192) }
```

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

```
.background{ background-color: rgb(218,  
217, 192) }
```

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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