

Converting Colors

`RYB(194, 216, 139)`

Have a look what the booklet for
RYB(194, 216, 139) contains.

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Color

R_YB(194, 216, 139)

Conversions

Conversions Part 1

Format	Color
Hex	D8B88B
RGB	216, 184, 139
RGB Percent	85%, 72%, 55%
CMY	0.1529, 0.2788, 0.4549
CMYK	0.00, 0.15, 0.36, 0.15
HSL	35°, 50%, 70%
HSV	35°, 36%, 85%
XYZ	50.1023, 50.7094, 31.5733
YIQ	188.4380, 33.5170, -7.2110

Conversions

Conversions Part 2

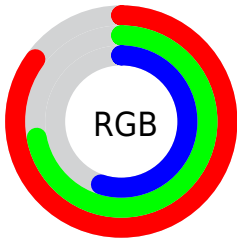
Format	Color
RYB	194, 216, 139
Decimal	14203019
CIELab	76.50, 5.18, 27.11
CIELCh	77, 27.600, 79.174
Yxy	50.7094, 0.3785, 0.3830
Android (android.graphics.Color)	4292393099 (0xFFD8B88B)
YUV	188.4380, -24.3729, 24.1719
Hunter-Lab	71.2105, 0.9706, 23.5594

Details

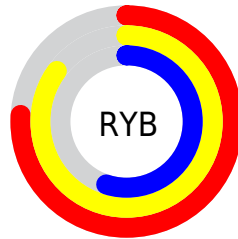
The RYB color **194, 216, 139** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **139, 162, 216**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **213, 255, 193**, and **137, 160, 88** is the 20% darker color. If you saturate the color by 10%, you get **187, 216, 117**, and if you desaturate by 10%, it is **201, 216, 161**.

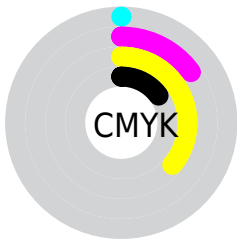
Distribution



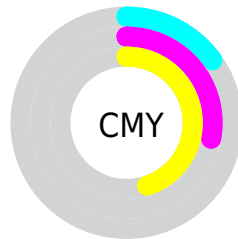
- Red (85%)
- Green (72%)
- Blue (55%)



- Red (76%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 216, 139 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 194, 216, 139 by changing the saturation by 10% instead.

 194, 216, 139


255, 255, 255


 213, 255, 193


 221, 255, 221

 249, 255, 249

 194, 216, 139


 166, 188, 113

 138, 160, 89

 110, 133, 65

 83, 107, 42

 54, 81, 20

 31, 57, 0

 31, 33, 0

 0, 0, 0

 194, 216, 139


 194, 216, 139

 187, 216, 117


 201, 216, 161

 182, 216, 96


 206, 216, 182

 175, 216, 74

 213, 216, 204

 170, 216, 53

 216, 219, 225

 163, 216, 31

 216, 225, 247

 156, 216, 9

 216, 230, 255

 154, 216, 0

 216, 233, 255

 216, 236, 255

Harmonies

Analogous

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



234, 187, 151



194, 216, 139



140, 192, 142

Triad

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



194, 216, 139



115, 159, 205



212, 177, 222

Complementary

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



194, 216, 139



139, 162, 216

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.



180, 185, 237



194, 216, 139



118, 165, 226

Square

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



194, 216, 139



133, 175, 202



145, 177, 238



234, 171, 199

Rectangle

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



194, 216, 139



149, 197, 175



145, 177, 238



203, 180, 228

Sweetspot

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



194, 216, 139



248, 255, 227



216, 139, 171



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



194, 216, 139



224, 255, 145



139, 216, 145



102, 107, 96



121, 171, 0



31, 43, 0

Inverse Universe

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



139, 162, 216



145, 177, 255



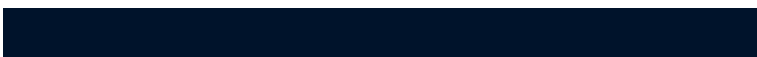
145, 139, 216



96, 99, 107



0, 50, 171



0, 13, 43

Previews

White Background



This preview shows how the RYB color 194, 216, 139 looks on a white background.

Color Contrast Check

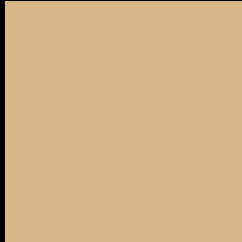
Large Text (above 18pt) WCAG AA × Fail

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 194, 216, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

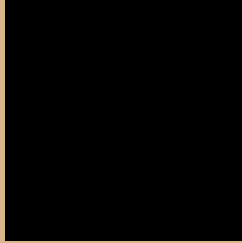
Any Text WCAG AA ✓ Pass

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 194, 216, 139 Background



This preview shows how black text looks on a background with the RYB color 194, 216, 139.



This preview shows how white text looks on a background with the RYB color 194, 216, 139.

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
194, 216, 139

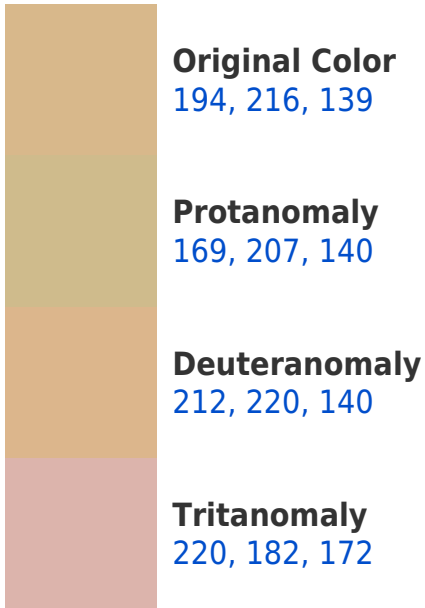
Protanopia
158, 202, 141

Deuteranopia
223, 221, 140



Tritanopia
222, 177, 191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 216, 139 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(216, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 139)  
}
```

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(216, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 139) }
```

Border

The CSS property to change the border of an element to RYB 194, 216, 139 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(216, 184, 139) }
```

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

```
.border{ border-color:rgb(216, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 194, 216, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 139) }
```

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

```
.background{ background-color: rgb(216,  
184, 139) }
```

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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