

Converting Colors

`RYB(184, 216, 168)`

Have a look what the booklet for
RYB(184, 216, 168) contains.

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Color

R_YB(184, 216, 168)

Conversions

Conversions Part 1

Format	Color
Hex	D8CCA8
RGB	216, 204, 168
RGB Percent	85%, 80%, 66%
CMY	0.1529, 0.2000, 0.3412
CMYK	0.00, 0.06, 0.22, 0.15
HSL	45°, 38%, 75%
HSV	45°, 22%, 85%
XYZ	56.9797, 60.6118, 45.7419
YIQ	203.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

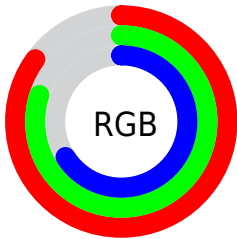
Format	Color
RYB	184, 216, 168
Decimal	14208168
CIELab	82.17, -1.55, 19.47
CIELCh	82, 19.530, 94.547
Yxy	60.6118, 0.3489, 0.3711
Android (android.graphics.Color)	4292398248 (0xFFD8CCA8)
YUV	203.4840, -17.4936, 10.9765
Hunter-Lab	77.8536, -5.6028, 19.6624

Details

The RYB color **184, 216, 168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168, 178, 216**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **223, 255, 223**, and **131, 161, 116** is the 20% darker color. If you saturate the color by 10%, you get **168, 216, 146**, and if you desaturate by 10%, it is **200, 216, 190**.

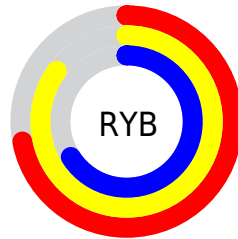
Distribution



Red (85%)

Green (80%)

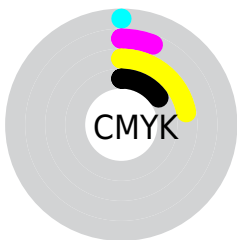
Blue (66%)



Red (72%)

Yellow (85%)

Blue (66%)

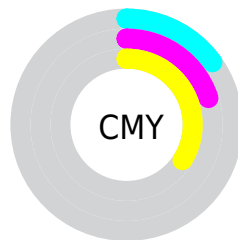


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 216, 168 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 184, 216, 168 by changing the saturation by 10% instead.

 184, 216, 168


255, 255, 255

 223, 255, 223


 252, 255, 252

 184, 216, 168

 155, 188, 141

 131, 161, 116

 104, 134, 91

 80, 109, 67

 57, 84, 45

 33, 60, 24

 9, 39, 0

 0, 9, 1

 0, 0, 0

 184, 216, 168

 184, 216, 168

 168, 216, 146

 200, 216, 190

 156, 216, 125

 212, 216, 211

 140, 216, 103

 216, 219, 233

 128, 216, 82

 216, 224, 254

 112, 216, 60

 216, 227, 255

 96, 216, 38

 216, 229, 255

 84, 216, 17

 216, 232, 255

 72, 216, 0

 216, 233, 255

 216, 235, 255

Harmonies

Analogous

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



233, 217, 172



184, 216, 168



174, 210, 189

Triad

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



184, 216, 168



156, 187, 224



231, 194, 220

Complementary

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



184, 216, 168



168, 178, 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.



211, 199, 235



184, 216, 168



166, 194, 237

Square

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



184, 216, 168



160, 190, 215



187, 201, 241



242, 192, 202

Rectangle

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



184, 216, 168



182, 211, 212



187, 201, 241



225, 195, 226

Sweetspot

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



184, 216, 168



242, 255, 237



216, 168, 180



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



184, 216, 168



209, 255, 186



168, 216, 180



100, 107, 96



57, 171, 0



13, 43, 0

Inverse Universe

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



168, 178, 216



186, 200, 255



180, 168, 216



96, 98, 107



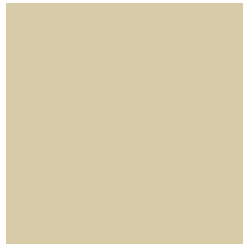
0, 34, 171



0, 9, 43

Previews

White Background



This preview shows how the RYB color 184, 216, 168 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 184, 216, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

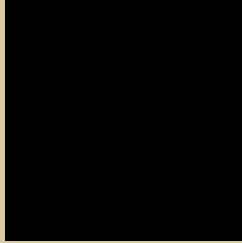
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

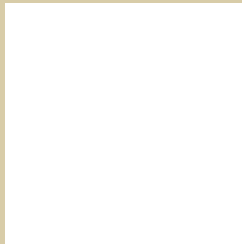
Any Text WCAG AAA ✓ Pass

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

RYP 184, 216, 168 Background



This preview shows how black text looks on a background with the RYP color 184, 216, 168.



This preview shows how white text looks on a background with the RYP color 184, 216, 168.

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
184, 216, 168

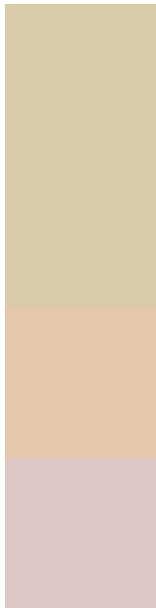
Protanopia
184, 216, 168

Deuteranopia
236, 216, 170



Tritanopia
222, 198, 213

Trichromacy



Original Color

184, 216, 168

Protanomaly

184, 216, 168

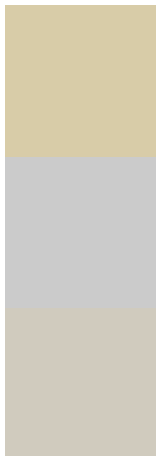
Deuteranomaly

225, 229, 169

Tritanomaly

220, 200, 197

Monochromacy



Original Color

184, 216, 168

Achromatopsia

203, 203, 203

Achromatomaly

197, 208, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 216, 168 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, 204, 168) looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 168)  
}
```

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, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 168) }
```

Border

The CSS property to change the border of an element to RYB 184, 216, 168 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, 204, 168) }
```

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

```
.border{ border-color:rgb(216, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 184, 216, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 168) }
```

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

```
.background{ background-color: rgb(216,  
204, 168) }
```

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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