

Converting Colors

`RYB(206, 218, 199)`

Have a look what the booklet for
RYB(206, 218, 199) contains.

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Color

R_YB(206, 218, 199)

Conversions

Conversions Part 1

Format	Color
Hex	DAD5C7
RGB	218, 213, 199
RGB Percent	85%, 84%, 78%
CMY	0.1451, 0.1652, 0.2196
CMYK	0.00, 0.02, 0.09, 0.15
HSL	44°, 20%, 82%
HSV	44°, 9%, 85%
XYZ	62.9875, 66.5594, 63.5603
YIQ	212.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

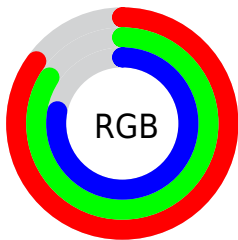
Format	Color
R_{YB}	206, 218, 199
Decimal	14341575
CIE Lab	85.28, -0.63, 7.47
CIE LCh	85, 7.500, 94.850
Yxy	66.5594, 0.3262, 0.3447
Android (android.graphics.Color)	4292531655 (0xFFDAD5C7)
YUV	212.8990, -6.8522, 4.4736
Hunter-Lab	81.5840, -4.9597, 10.9172

Details

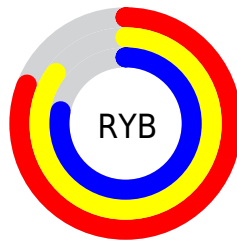
The RYB color **206, 218, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 203, 218**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **152, 163, 145** is the 20% darker color. If you saturate the color by 10%, you get **192, 218, 177**, and if you desaturate by 10%, it is **218, 219, 221**.

Distribution



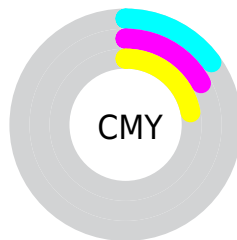
- Red (85%)
- Green (84%)
- Blue (78%)



- Red (81%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 218, 199 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 206, 218, 199 by changing the saturation by 10% instead.

■ 206, 218, 199

255, 255, 255

■ 206, 218, 199

■ 179, 190, 172

■ 152, 163, 145

■ 126, 137, 119

■ 100, 111, 95

■ 76, 87, 71

■ 54, 64, 49

■ 32, 41, 28

■ 8, 22, 1

■ 0, 0, 0

 206, 218, 199

 206, 218, 199

 192, 218, 177

 218, 219, 221

 178, 218, 155

 218, 223, 243

 166, 218, 134

 218, 227, 255

 152, 218, 112

 218, 230, 255

 136, 218, 90

 218, 233, 255

 123, 218, 68

 218, 235, 255

 109, 218, 46

 218, 236, 255

 96, 218, 25

 218, 237, 255

 82, 218, 3

Harmonies

Analogous

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



225, 220, 200



206, 218, 199



201, 215, 206

Triad

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



206, 218, 199



196, 207, 221



224, 209, 219

Complementary

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



206, 218, 199



199, 203, 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.



216, 211, 225



206, 218, 199



200, 210, 226

Square

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



206, 218, 199



197, 208, 217



207, 212, 227



228, 208, 212

Rectangle

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



206, 218, 199



204, 215, 216



207, 212, 227



221, 210, 221

Sweetspot

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



206, 218, 199



250, 255, 247



218, 199, 204



125, 128, 122



0, 0, 0



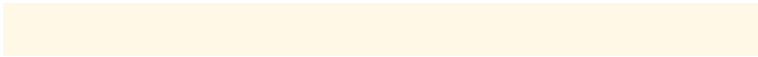
128, 128, 128

Same Dimension

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



206, 218, 199



240, 255, 230



199, 218, 203



103, 110, 99



63, 173, 0



16, 46, 0

Inverse Universe

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



199, 203, 218



230, 235, 255



203, 199, 218



99, 101, 110



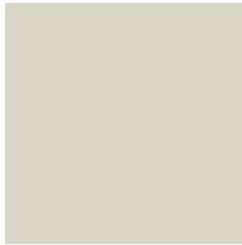
0, 37, 173



0, 10, 46

Previews

White Background



This preview shows how the RYB color 206, 218, 199 looks on a white background.

Color Contrast Check

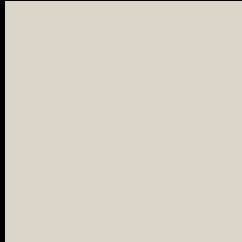
Large Text (above 18pt) WCAG AA × Fail

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 206, 218, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

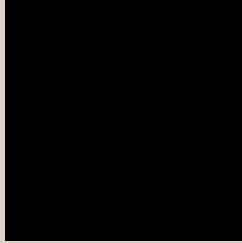
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

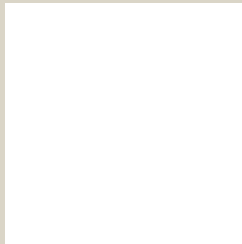
Any Text WCAG AAA ✓ Pass

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

R Y B 206, 218, 199 Background



This preview shows how black text looks on a background with the RYB color 206, 218, 199.



This preview shows how white text looks on a background with the RYB color 206, 218, 199.

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](#).

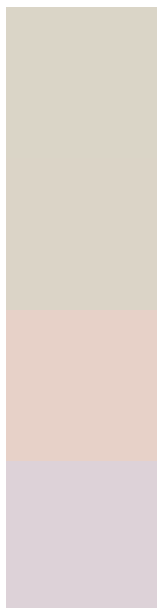
Dichromacy





Tritanopia
222, 209, 225

Trichromacy



Original Color

206, 218, 199

Protanomaly

210, 219, 199

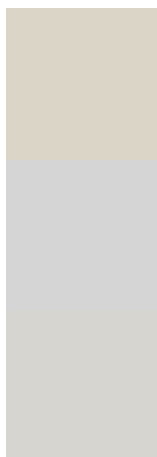
Deuteranomaly

231, 213, 200

Tritanomaly

221, 210, 216

Monochromacy



Original Color

206, 218, 199

Achromatopsia

213, 213, 213

Achromatomaly

211, 215, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 218, 199 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, 213, 199) looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 199)  
}
```

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, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 199) }
```

Border

The CSS property to change the border of an element to RYB 206, 218, 199 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, 213, 199) }
```

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

```
.border{ border-color:rgb(218, 213, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 206, 218, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 199) }
```

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

```
.background{ background-color: rgb(218,  
213, 199) }
```

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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