

Converting Colors

`RYB(186, 218, 149)`

Have a look what the booklet for
RYB(186, 218, 149) contains.

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Color

R_YB(186, 218, 149)

Conversions

Conversions Part 1

Format	Color
Hex	DAC295
RGB	218, 194, 149
RGB Percent	85%, 76%, 58%
CMY	0.1451, 0.2395, 0.4157
CMYK	0.00, 0.11, 0.32, 0.15
HSL	39°, 48%, 72%
HSV	39°, 32%, 85%
XYZ	53.6112, 55.6211, 36.3441
YIQ	196.0460, 28.7490, -8.9070

Conversions

Conversions Part 2

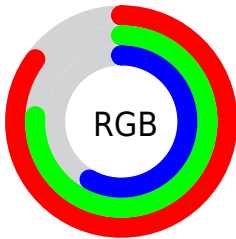
Format	Color
R_{YB}	186, 218, 149
Decimal	14336661
CIE _{Lab}	79.40, 1.92, 25.74
CIE _{LCh}	79, 25.815, 85.729
Yxy	55.6211, 0.3683, 0.3821
Android (android.graphics.Color)	4292526741 (0xFFDAC295)
YUV	196.0460, -23.1937, 19.2537
Hunter-Lab	74.5796, -2.2005, 23.3125

Details

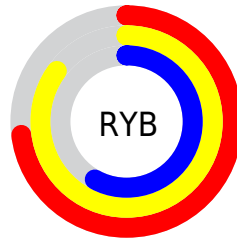
The RYB color **186, 218, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 167, 218**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **209, 255, 203**, and **129, 162, 98** is the 20% darker color. If you saturate the color by 10%, you get **176, 218, 127**, and if you desaturate by 10%, it is **195, 218, 171**.

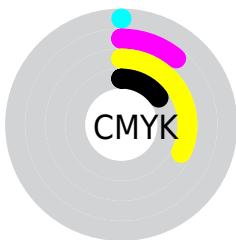
Distribution



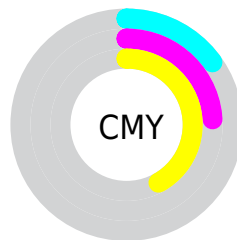
- Red (85%)
- Green (76%)
- Blue (58%)



- Red (73%)
- Yellow (85%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 218, 149 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 186, 218, 149 by changing the saturation by 10% instead.


 186, 218, 149

255, 255, 255

 209, 255, 203

 232, 255, 232

 186, 218, 149

 158, 190, 123

 132, 162, 98

 104, 135, 74

 77, 109, 51

 52, 84, 28

 26, 60, 5

 16, 36, 0

 0, 0, 0

 186, 218, 149


 186, 218, 149

 176, 218, 127


 195, 218, 171

 165, 218, 105


 207, 218, 193

 156, 218, 84


 215, 218, 214

 147, 218, 62

 218, 223, 236

 135, 218, 40

 218, 228, 255

 126, 218, 18

 218, 232, 255

 117, 218, 0

 218, 234, 255

 218, 237, 255

Harmonies

Analogous

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



237, 201, 158



186, 218, 149



153, 202, 162

Triad

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



186, 218, 149



128, 171, 217



225, 184, 224

Complementary

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



186, 218, 149



149, 167, 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.



196, 192, 240



186, 218, 149



136, 177, 236

Square

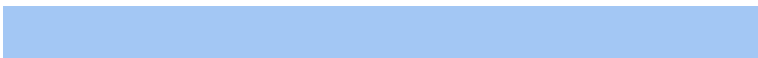
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 218, 149



141, 181, 210



163, 188, 244



242, 180, 201

Rectangle

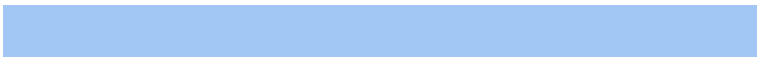
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186, 218, 149



163, 206, 195



163, 188, 244



216, 186, 230

Sweetspot

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



186, 218, 149



244, 255, 232



218, 149, 173



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



186, 218, 149



210, 255, 158



149, 218, 159



105, 110, 99



92, 173, 0



25, 46, 0

Inverse Universe

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



149, 167, 218



158, 183, 255



159, 149, 218



99, 102, 110



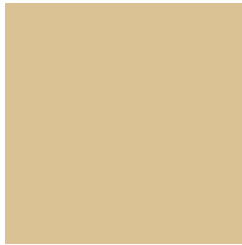
0, 45, 173



0, 12, 46

Previews

White Background



This preview shows how the RYB color 186, 218, 149 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 186, 218, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

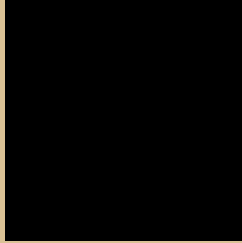
Any Text WCAG AA ✓ Pass

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](#).

RYB 186, 218, 149 Background



This preview shows how black text looks on a background with the RYB color 186, 218, 149.



This preview shows how white text looks on a background with the RYB color 186, 218, 149.

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
186, 218, 149

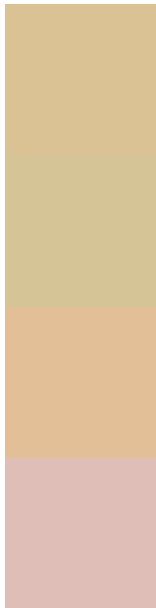
Protanopia
167, 210, 150

Deuteranopia
231, 225, 150



Tritanopia
224, 187, 201

Trichromacy



Original Color

186, 218, 149

Protanomaly

173, 213, 150

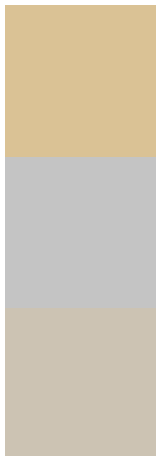
Deuteranomaly

215, 226, 150

Tritanomaly

222, 192, 182

Monochromacy



Original Color

186, 218, 149

Achromatopsia

196, 196, 196

Achromatomaly

193, 204, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 218, 149 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, 194, 149) looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 149)  
}
```

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, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 149) }
```

Border

The CSS property to change the border of an element to RYB 186, 218, 149 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, 194, 149) }
```

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

```
.border{ border-color:rgb(218, 194, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 194, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 186, 218, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 149) }
```

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

```
.background{ background-color: rgb(218,  
194, 149) }
```

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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