

Converting Colors

`RYB(193, 219, 145)`

Have a look what the booklet for
RYB(193, 219, 145) contains.

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Color

$\text{RYB}(193, 219, 145)$

Conversions

Conversions Part 1

Format	Color
Hex	DBBE91
RGB	219, 190, 145
RGB Percent	86%, 75%, 57%
CMY	0.1412, 0.2554, 0.4314
CMYK	0.00, 0.13, 0.34, 0.14
HSL	36°, 51%, 71%
HSV	36°, 34%, 86%
XYZ	52.7129, 53.8816, 34.4100
YIQ	193.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

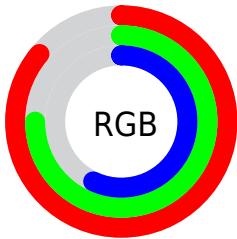
Format	Color
RYB	193, 219, 145
Decimal	14401169
CIELab	78.39, 3.93, 26.52
CIELCh	78, 26.807, 81.561
Yxy	53.8816, 0.3738, 0.3821
Android (android.graphics.Color)	4292591249 (0xFFDBBE91)
YUV	193.5410, -23.9307, 22.3275
Hunter-Lab	73.4041, -0.2730, 23.5892

Details

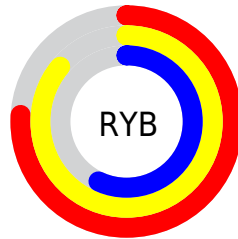
The RYB color **193, 219, 145** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **145, 166, 219**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **210, 255, 199**, and **136, 163, 94** is the 20% darker color. If you saturate the color by 10%, you get **186, 219, 123**, and if you desaturate by 10%, it is **200, 219, 167**.

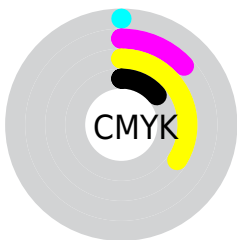
Distribution



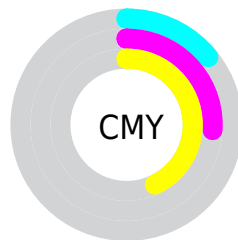
- Red (86%)
- Green (75%)
- Blue (57%)



- Red (76%)
- Yellow (86%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 219, 145 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, 219, 145 by changing the saturation by 10% instead.

 193, 219, 145

255, 255, 255


 210, 255, 199

 227, 255, 227

 193, 219, 145

 165, 191, 119

 136, 163, 94

 110, 136, 70

 83, 110, 47

 55, 84, 25

 26, 60, 0

 23, 36, 0

 0, 0, 0

 193, 219, 145


 193, 219, 145

 186, 219, 123


 200, 219, 167

 176, 219, 101


 209, 219, 189

 170, 219, 79


 216, 219, 211

 163, 219, 57

 219, 223, 233

 155, 219, 36

 219, 229, 254

 148, 219, 14

 219, 233, 255

 142, 219, 0

 219, 236, 255

 219, 237, 255

Harmonies

Analogous

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



237, 194, 156



193, 219, 145



147, 198, 152

Triad

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



193, 219, 145



122, 166, 211



219, 182, 225

Complementary

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



193, 219, 145



145, 166, 219

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.



189, 190, 240



193, 219, 145



128, 172, 232

Square

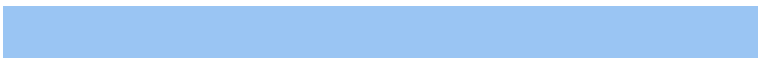
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193, 219, 145



138, 180, 208



154, 183, 243



239, 177, 202

Rectangle

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



193, 219, 145



156, 202, 184



154, 183, 243



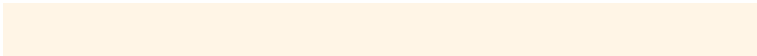
210, 184, 231

Sweetspot

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



193, 219, 145



247, 255, 230



219, 145, 175



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



193, 219, 145



217, 255, 150



145, 219, 152



108, 110, 99



112, 173, 0



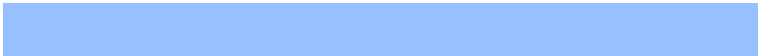
30, 46, 0

Inverse Universe

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



145, 166, 219



150, 180, 255



152, 145, 219



99, 102, 110



0, 49, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 193, 219, 145 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, 219, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

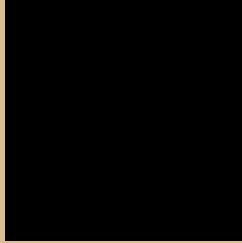
Any Text WCAG AA ✓ Pass

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 193, 219, 145 Background



This preview shows how black text looks on a background with the RYB color 193, 219, 145.



This preview shows how white text looks on a background with the RYB color 193, 219, 145.

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, 219, 145

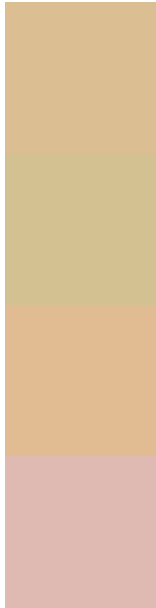
Protanopia
165, 208, 147

Deuteranopia
229, 223, 146



Tritanopia
225, 183, 197

Trichromacy



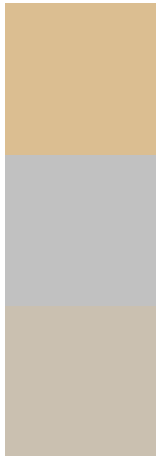
Original Color
193, 219, 145

Protanomaly
173, 212, 146

Deuteranomaly
219, 225, 146

Tritanomaly
223, 188, 178

Monochromacy



Original Color
193, 219, 145

Achromatopsia
193, 193, 193

Achromatomaly
192, 202, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 219, 145 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(219, 190, 145)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 145)  
}
```

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(219, 190, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 145) }
```

Border

The CSS property to change the border of an element to RYB 193, 219, 145 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(219, 190, 145) }
```

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

```
.border{ border-color:rgb(219, 190, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 145);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 193, 219, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 145) }
```

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

```
.background{ background-color: rgb(219,  
190, 145) }
```

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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