

Converting Colors

`RYB(194, 222, 182)`

Have a look what the booklet for RYB(194, 222, 182) contains.

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Color

R_YB(194, 222, 182)

Conversions

Conversions Part 1

Format	Color
Hex	DED5B6
RGB	222, 213, 182
RGB Percent	87%, 84%, 71%
CMY	0.1294, 0.1656, 0.2863
CMYK	0.00, 0.04, 0.18, 0.13
HSL	46°, 38%, 79%
HSV	46°, 18%, 87%
XYZ	62.3039, 66.3795, 53.7847
YIQ	212.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

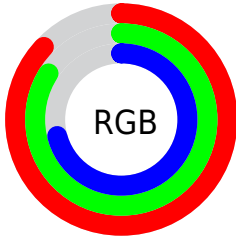
Format	Color
RYB	194, 222, 182
Decimal	14603702
CIELab	85.19, -1.82, 16.37
CIELCh	85, 16.467, 96.356
Yxy	66.3795, 0.3415, 0.3638
Android (android.graphics.Color)	4292793782 (0xFFDED5B6)
YUV	212.1570, -14.8674, 8.6323
Hunter-Lab	81.4736, -6.0775, 17.8913

Details

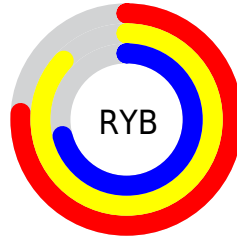
The RYB color **194, 222, 182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182, 189, 222**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **238, 255, 238**, and **141, 167, 129** is the 20% darker color. If you saturate the color by 10%, you get **178, 222, 160**, and if you desaturate by 10%, it is **209, 222, 204**.

Distribution



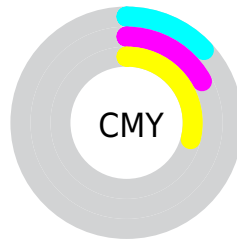
- Red (87%)
- Green (84%)
- Blue (71%)



- Red (76%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 222, 182 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, 222, 182 by changing the saturation by 10% instead.

 194, 222, 182


255, 255, 255

 238, 255, 238

 194, 222, 182

 167, 194, 155

 141, 167, 129

 114, 140, 104

 89, 114, 80

 64, 89, 57

 42, 66, 35

 20, 43, 14

 4, 21, 0

 0, 0, 0

 194, 222, 182

 194, 222, 182

 178, 222, 160

 209, 222, 204

 163, 222, 138

 222, 223, 226

 148, 222, 115


 222, 227, 249

 132, 222, 93

 222, 230, 255

 117, 222, 71

 222, 233, 255

 101, 222, 49


 222, 235, 255

 86, 222, 27

 222, 237, 255

 69, 222, 4

 222, 238, 255

 66, 222, 0

 222, 239, 255

Harmonies

Analogous

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



237, 226, 185



194, 222, 182



188, 218, 202

Triad

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



194, 222, 182



173, 199, 231



236, 204, 226

Complementary

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



194, 222, 182



182, 189, 222

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.



220, 208, 238



194, 222, 182



182, 204, 241

Square

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



194, 222, 182



175, 200, 222



200, 210, 243



245, 202, 210

Rectangle

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



194, 222, 182



193, 218, 220



200, 210, 243



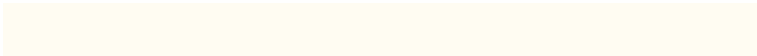
232, 205, 230

Sweetspot

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



194, 222, 182



246, 255, 242



222, 182, 191



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



194, 222, 182



216, 255, 199



182, 222, 193



103, 112, 101



53, 176, 0



14, 48, 0

Inverse Universe

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



182, 189, 222



199, 210, 255



193, 182, 222



101, 103, 112



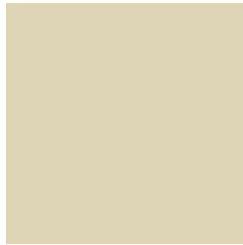
0, 33, 176



0, 9, 48

Previews

White Background



This preview shows how the RYB color 194, 222, 182 looks on a white background.

Color Contrast Check

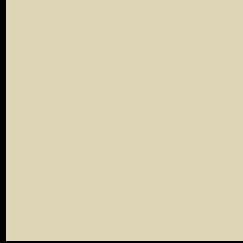
Large Text (above 18pt) WCAG AA × Fail

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, 222, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

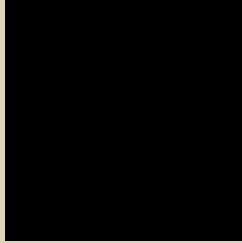
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

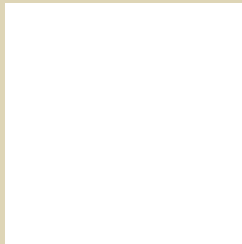
Any Text WCAG AAA ✓ Pass

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

RYB 194, 222, 182 Background



This preview shows how black text looks on a background with the RYB color 194, 222, 182.

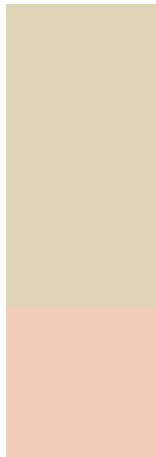


This preview shows how white text looks on a background with the RYB color 194, 222, 182.

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, 222, 182

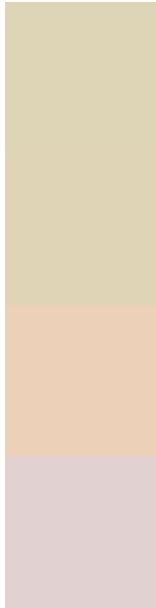
Protanopia
199, 224, 182

Deuteranopia
244, 216, 184



Tritanopia
227, 207, 223

Trichromacy



Original Color

194, 222, 182

Protanomaly

197, 223, 182

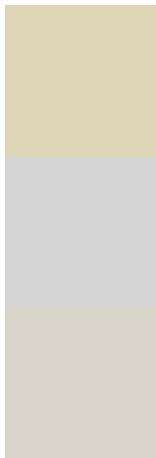
Deuteranomaly

236, 230, 183

Tritanomaly

225, 209, 208

Monochromacy



Original Color

194, 222, 182

Achromatopsia

212, 212, 212

Achromatomaly

206, 216, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 222, 182 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(222, 213, 182) looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 182)  
}
```

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(222, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 182) }
```

Border

The CSS property to change the border of an element to RYB 194, 222, 182 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(222, 213, 182) }
```

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

```
.border{ border-color:rgb(222, 213, 182) }
```

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

Here you see how a box with a 4 pixel rgb(222, 213, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 194, 222, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 182) }
```

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

```
.background{ background-color: rgb(222,  
213, 182) }
```

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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