

Converting Colors

RGB(125, 217, 171)

Have a look what the booklet for
RGB(125, 217, 171) contains.

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Color

RGB(125, 217, 171)

Conversions

Conversions Part 1

Format	Color
Hex	7DD9AB
RGB	125, 217, 171
RGB Percent	49%, 85%, 67%
CMY	0.5098, 0.1490, 0.3294
CMYK	0.42, 0.00, 0.21, 0.15
HSL	150°, 55%, 67%
HSV	150°, 42%, 85%
XYZ	40.6210, 56.9260, 47.3749
YIQ	184.2480, -40.0660, -33.8100

Conversions

Conversions Part 2

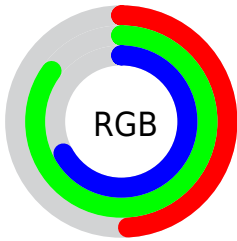
Format	Color
RYB	125, 186, 217
Decimal	8247723
CIELab	80.14, -37.76, 14.20
CIELCh	80, 40.347, 159.388
Yxy	56.9260, 0.2803, 0.3928
Android (android.graphics.Color)	4286437803 (0xFF7DD9AB)
YUV	184.2480, -6.5313, -51.9605
Hunter-Lab	75.4493, -35.9340, 15.5861

Details

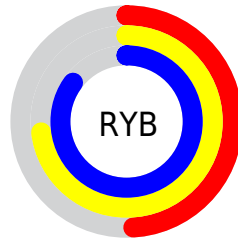
The RGB color **125, 217, 171** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **217, 125, 171**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **181, 255, 226**, and **69, 162, 119** is the 20% darker color. If you saturate the color by 10%, you get **103, 217, 160**, and if you desaturate by 10%, it is **147, 217, 182**.

Distribution



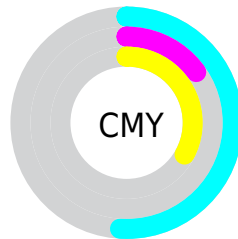
- Red (49%)
- Green (85%)
- Blue (67%)



- Red (49%)
- Yellow (73%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 217, 171 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 RGB color 125, 217, 171 by changing the saturation by 10% instead.

 125, 217, 171


255, 255, 255


 181, 255, 226

 210, 255, 255


 239, 255, 255

 125, 217, 171

 97, 189, 144

 69, 162, 119

 39, 135, 94

 0, 109, 70

 0, 84, 48

 0, 60, 26

 0, 39, 1

 0, 1, 0

 0, 0, 0

 125, 217, 171

 125, 217, 171

 103, 217, 160

 147, 217, 182

 82, 217, 149

 168, 217, 193

 60, 217, 138

 190, 217, 204

 38, 217, 128

 212, 217, 214

 16, 217, 117

 234, 217, 225

 0, 217, 109

 255, 217, 236

 255, 217, 247

 255, 217, 255

Harmonies

Analogous

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



171, 211, 139



125, 217, 171



76, 219, 210

Triad

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



125, 217, 171



164, 198, 255



255, 176, 153

Complementary

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



125, 217, 171



217, 125, 171

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.



255, 170, 188



125, 217, 171



219, 185, 255

Square

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



125, 217, 171



102, 210, 255



255, 173, 226



246, 187, 129

Rectangle

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



125, 217, 171



53, 218, 234



255, 173, 226



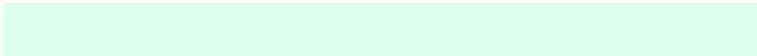
255, 173, 164

Sweetspot

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



125, 217, 171



222, 255, 238



171, 217, 125



107, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



125, 217, 171



125, 255, 190



125, 217, 217



99, 110, 104



0, 173, 87



0, 46, 23

Inverse Universe

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



217, 125, 171



255, 125, 190



217, 125, 125



110, 99, 104



173, 0, 87



46, 0, 23

Previews

White Background



This preview shows how the RGB color 125, 217, 171 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 RGB color 125, 217, 171 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](#).

RGB 125, 217, 171 Background



This preview shows how black text looks on a background with the RGB color 125, 217, 171.

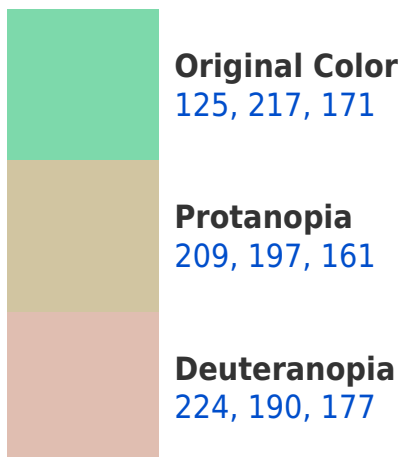


This preview shows how white text looks on a background with the RGB color 125, 217, 171.

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
138, 210, 226

Trichromacy



Original Color

125, 217, 171



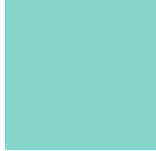
Protanomaly

178, 204, 165



Deuteranomaly

188, 200, 175



Tritanomaly

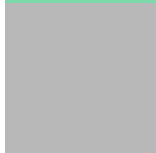
133, 213, 206

Monochromacy



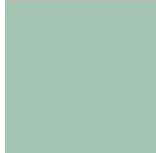
Original Color

125, 217, 171



Achromatopsia

184, 184, 184



Achromatomaly

163, 196, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 217, 171 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(125, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(125, 217, 171)  
}
```

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(125, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 217, 171) }
```

Border

The CSS property to change the border of an element to RGB 125, 217, 171 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(125, 217, 171) }
```

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

```
.border{ border-color:rgb(125, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(125, 217,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 125, 217, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 217, 171) }
```

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

```
.background{ background-color: rgb(125,  
217, 171) }
```

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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