

Converting Colors

`RYB(124, 186, 228)`

Have a look what the booklet for
RYB(124, 186, 228) contains.

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Color

R_YB(124, 186, 228)

Conversions

Conversions Part 1

Format	Color
Hex	7CE4C2
RGB	124, 228, 194
RGB Percent	49%, 89%, 76%
CMY	0.5137, 0.1059, 0.2374
CMYK	0.46, 0.00, 0.15, 0.11
HSL	161°, 66%, 69%
HSV	161°, 46%, 89%
XYZ	45.8440, 63.6873, 61.1819
YIQ	193.0280, -51.0700, -32.6220

Conversions

Conversions Part 2

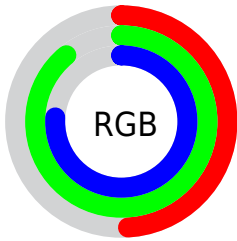
Format	Color
RYB	124, 186, 228
Decimal	8185026
CIELab	83.80, -38.06, 7.04
CIELCh	84, 38.710, 169.528
Yxy	63.6873, 0.2685, 0.3731
Android (android.graphics.Color)	4286375106 (0xFF7CE4C2)
YUV	193.0280, 0.4792, -60.5376
Hunter-Lab	79.8043, -37.1173, 10.4084

Details

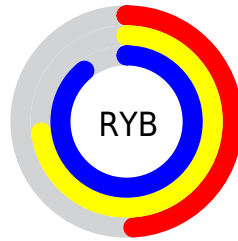
The RYB color **124, 186, 228** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **228, 124, 158**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **181, 219, 255**, and **66, 128, 172** is the 20% darker color. If you saturate the color by 10%, you get **101, 177, 228**, and if you desaturate by 10%, it is **147, 195, 228**.

Distribution



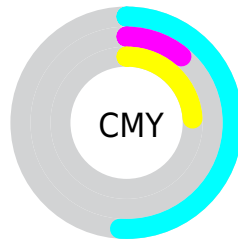
- Red (49%)
- Green (89%)
- Blue (76%)



- Red (49%)
- Yellow (73%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)




- Cyan (51%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 186, 228 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 124, 186, 228 by changing the saturation by 10% instead.

 124, 186, 228


255, 255, 255


 181, 219, 255


 211, 233, 255

 240, 248, 255

 124, 186, 228

 95, 157, 200


 66, 128, 172

 31, 97, 145

 0, 67, 119


 0, 54, 93

 0, 42, 69


 0, 30, 46

 0, 22, 22


 0, 0, 0

 124, 186, 228


 124, 186, 228

 101, 177, 228


 147, 195, 228

 78, 167, 228


 170, 205, 228

 56, 159, 228

 192, 213, 228

 33, 149, 228

 215, 223, 228

 10, 140, 228

 238, 228, 231

 0, 136, 228

 255, 228, 239

 255, 228, 246

 255, 228, 253

 255, 228, 255

Harmonies

Analogous

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



160, 223, 215



124, 186, 228



87, 159, 232

Triad

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



124, 186, 228



196, 203, 255



255, 209, 155

Complementary

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



124, 186, 228



228, 124, 158

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, 182, 186



124, 186, 228



243, 191, 255

Square

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



124, 186, 228



139, 185, 255



255, 183, 223



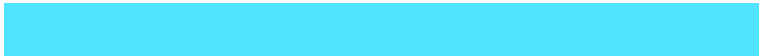
208, 245, 137

Rectangle

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



124, 186, 228



82, 161, 254



255, 183, 223



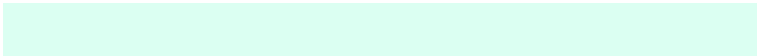
255, 195, 164

Sweetspot

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



124, 186, 228



219, 241, 255



124, 228, 193



106, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 186, 228



115, 198, 255



124, 171, 228



103, 110, 115



0, 107, 179



0, 30, 51

Inverse Universe

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



228, 124, 158



255, 115, 160



228, 144, 124



115, 103, 107



179, 0, 58



51, 0, 16

Previews

White Background



This preview shows how the RYB color 124, 186, 228 looks on a white background.

Color Contrast Check

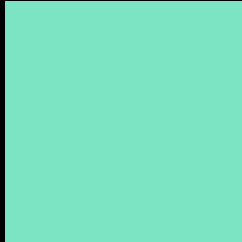
Large Text (above 18pt) WCAG AA × Fail

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 124, 186, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

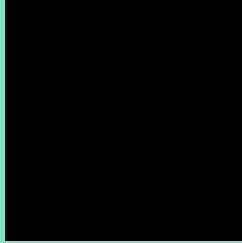
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

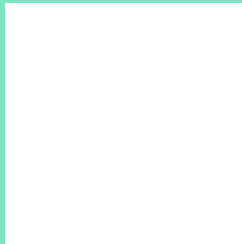
Any Text WCAG AAA ✓ Pass

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

RYB 124, 186, 228 Background



This preview shows how black text looks on a background with the RYB color 124, 186, 228.

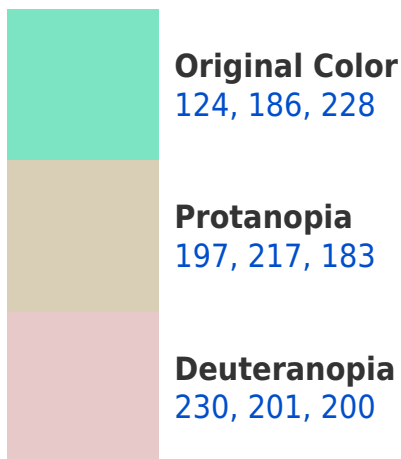



This preview shows how white text looks on a background with the RYB color 124, 186, 228.

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
136, 183, 240

Trichromacy



Original Color

124, 186, 228



Protanomaly

183, 211, 215



Deuteranomaly

191, 206, 211



Tritanomaly

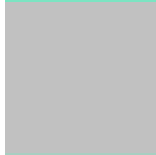
132, 178, 224

Monochromacy



Original Color

124, 186, 228



Achromatopsia

193, 193, 193



Achromatomaly

168, 191, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 186, 228 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(124, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(124, 228, 194)  
}
```

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(124, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 228, 194) }
```

Border

The CSS property to change the border of an element to RYB 124, 186, 228 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(124, 228, 194) }
```

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

```
.border{ border-color:rgb(124, 228, 194) }
```

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

Here you see how a box with a 4 pixel rgb(124, 228, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(124, 228,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 124, 186, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 228, 194) }
```

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

```
.background{ background-color: rgb(124,  
228, 194) }
```

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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