

Converting Colors

`RYB(145, 186, 128)`

Have a look what the booklet for
RYB(145, 186, 128) contains.

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Color

R_YB(145, 186, 128)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BAAD80 |
| RGB | 186, 173, 128 |
| RGB Percent | 73%, 68%, 50% |
| CMY | 0.2706, 0.3221, 0.4980 |
| CMYK | 0.00, 0.07, 0.31, 0.27 |
| HSL | 46°, 30%, 62% |
| HSV | 46°, 31%, 73% |
| XYZ | 39.0614, 41.8285, 26.4370 |
| YIQ | 171.7570, 22.1930, -11.2390 |

Conversions

Conversions Part 2

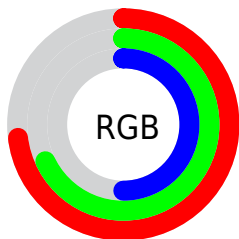
| Format | Color |
|-------------------------------------|---|
| RYB | 145, 186, 128 |
| Decimal | 12234112 |
| CIELab | 70.75, -2.19, 24.80 |
| CIELCh | 71, 24.899, 95.052 |
| Yxy | 41.8285, 0.3639, 0.3897 |
| Android (android.graphics.Color) | 4290424192 (0xFFBAAD80) |
| YUV | 171.7570, -21.5722, 12.4911 |
| Hunter-Lab | 64.6750, -5.3734, 21.0367 |

Details

The RYB color **145, 186, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128, 139, 186**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **201, 243, 181**, and **92, 132, 78** is the 20% darker color. If you saturate the color by 10%, you get **131, 186, 109**, and if you desaturate by 10%, it is **159, 186, 147**.

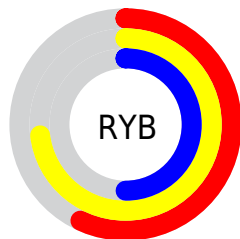
Distribution



Red (73%)

Green (68%)

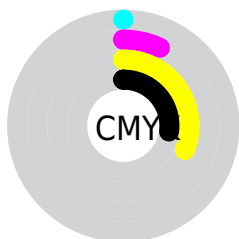
Blue (50%)



Red (57%)

Yellow (73%)

Blue (50%)

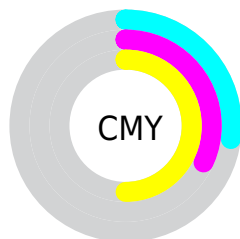


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RYB color 145, 186, 128 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 145, 186, 128 by changing the saturation by 10% instead.


 145, 186, 128

 145, 186, 128

255, 255, 255

 120, 159, 103

 201, 243, 181

 92, 132, 78

 209, 255, 209

 67, 106, 55

 237, 255, 237

 44, 81, 33


 19, 57, 11

 7, 35, 0

 0, 4, 4

 0, 0, 0

 145, 186, 128

 145, 186, 128

■ 131, 186, 109

■ 159, 186, 147

■ 120, 186, 91

■ 172, 186, 165

■ 106, 186, 72

■ 184, 186, 184

■ 93, 186, 54

■ 186, 189, 202

■ 79, 186, 35

■ 186, 193, 221

■ 65, 186, 16

■ 186, 196, 240

■ 54, 186, 0

■ 186, 199, 255

■ 186, 202, 255

■ 186, 204, 255

Harmonies

Analogous

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



206, 190, 133



145, 186, 128



136, 180, 155

Triad

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



145, 186, 128



107, 149, 198



206, 159, 193

Complementary

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



145, 186, 128



128, 139, 186

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.



182, 166, 210



145, 186, 128



122, 158, 214

Square

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



145, 186, 128



114, 153, 186



151, 168, 218



218, 157, 170

Rectangle

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



145, 186, 128



144, 180, 183



151, 168, 218



199, 161, 199

Sweetspot

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



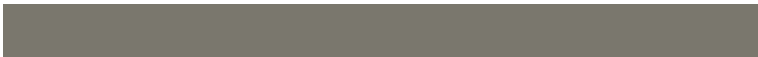
145, 186, 128



226, 242, 220



186, 128, 142



113, 122, 109



250, 250, 250



122, 122, 122

Same Dimension

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



145, 186, 128



179, 242, 153



128, 186, 143



86, 92, 83



47, 156, 0



8, 28, 0

Inverse Universe

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



128, 139, 186



153, 169, 242



143, 128, 186



83, 85, 92



0, 29, 156



0, 5, 28

Previews

White Background



This preview shows how the RYB color 145, 186, 128 looks on a white background.

Color Contrast Check

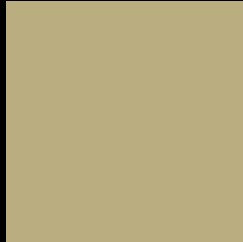
Large Text (above 18pt) WCAG AA × Fail

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 145, 186, 128 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

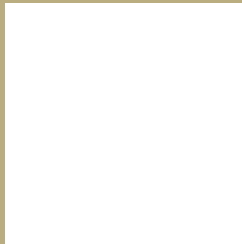
Any Text WCAG AAA ✓ Pass

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

RYB 145, 186, 128 Background



This preview shows how black text looks on a background with the RYB color 145, 186, 128.



This preview shows how white text looks on a background with the RYB color 145, 186, 128.

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

145, 186, 128

Protanopia

145, 186, 128

Deuteranopia

204, 202, 129



Tritanopia

192, 166, 179

Trichromacy



Original Color

145, 186, 128

Protanomaly

145, 186, 128

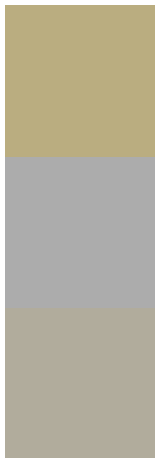
Deuteranomaly

180, 197, 129

Tritanomaly

190, 171, 160

Monochromacy



Original Color

145, 186, 128

Achromatopsia

172, 172, 172

Achromatomaly

163, 177, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 186, 128 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(186, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 128)  
}
```

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(186, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 128) }
```

Border

The CSS property to change the border of an element to RYB 145, 186, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

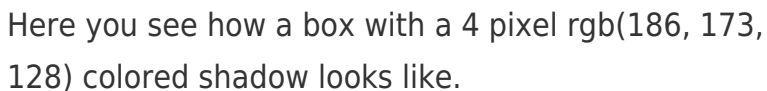
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 173, 128) }
```

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

```
.border{ border-color:rgb(186, 173, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 173, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 173, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 173, 128); box-shadow:4px 4px 4px 4px rgb(186, 173, 128) }
```

Background

The CSS property to change the background color of an element to RYB 145, 186, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 128) }
```

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

```
.background{ background-color: rgb(186,  
173, 128) }
```

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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