

Converting Colors

`RYB(145, 221, 95)`

Have a look what the booklet for
RYB(145, 221, 95) contains.

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Color

$\text{RYB}(145, 221, 95)$

Conversions

Conversions Part 1

Format	Color
Hex	DDB95F
RGB	221, 185, 95
RGB Percent	87%, 73%, 37%
CMY	0.1333, 0.2737, 0.6275
CMYK	0.00, 0.16, 0.57, 0.13
HSL	43°, 65%, 62%
HSV	43°, 57%, 87%
XYZ	49.2761, 50.9819, 18.0698
YIQ	185.5040, 50.3460, -20.3580

Conversions

Conversions Part 2

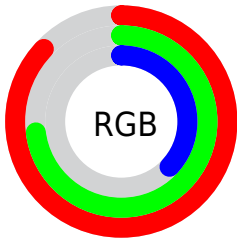
Format	Color
RYB	145, 221, 95
Decimal	14530911
CIELab	76.67, 2.24, 49.86
CIELCh	77, 49.915, 87.429
Yxy	50.9819, 0.4164, 0.4309
Android (android.graphics.Color)	4292720991 (0xFFDDB95F)
YUV	185.5040, -44.6185, 31.1300
Hunter-Lab	71.4016, -1.7654, 34.9764

Details

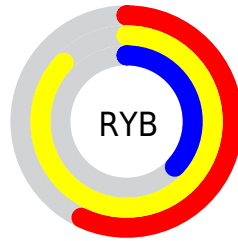
The RYB color **145, 221, 95** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **95, 123, 221**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **164, 255, 148**, and **86, 163, 44** is the 20% darker color. If you saturate the color by 10%, you get **132, 221, 73**, and if you desaturate by 10%, it is **159, 221, 117**.

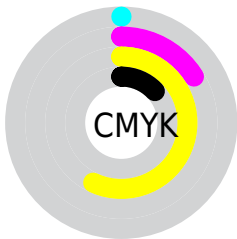
Distribution



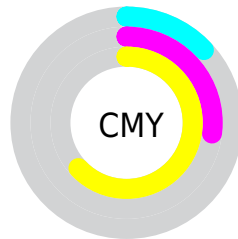
- Red (87%)
- Green (73%)
- Blue (37%)



- Red (57%)
- Yellow (87%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (57%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 221, 95 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, 221, 95 by changing the saturation by 10% instead.

 145, 221, 95

 145, 221, 95


255, 255, 255

 116, 192, 69


 164, 255, 148

 86, 163, 44

 175, 255, 175

 52, 135, 15

 203, 255, 203

 31, 107, 0

 232, 255, 232

 28, 81, 0

 23, 55, 0

 17, 30, 0

 0, 0, 0

 145, 221, 95

 145, 221, 95

■ 132, 221, 73

■ 159, 221, 117

■ 118, 221, 51

■ 171, 221, 139

■ 106, 221, 29

■ 185, 221, 161

■ 92, 221, 7

■ 198, 221, 183

■ 88, 221, 0

■ 211, 221, 206

■ 221, 223, 228

■ 221, 227, 250

■ 221, 231, 255

■ 221, 234, 255

Harmonies

Analogous

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



255, 207, 112



145, 221, 95



105, 199, 129

Triad

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



145, 221, 95



0, 110, 230



243, 162, 240

Complementary

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



145, 221, 95



95, 123, 221

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.



187, 179, 255



145, 221, 95



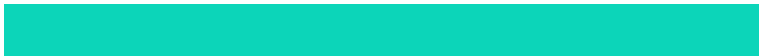
0, 114, 255

Square

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



145, 221, 95



12, 120, 213



103, 160, 255



255, 152, 195

Rectangle

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



145, 221, 95



125, 206, 193



103, 160, 255



227, 167, 252

Sweetspot

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



145, 221, 95



229, 255, 212



221, 95, 133



114, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



145, 221, 95



150, 255, 82



95, 221, 120



103, 110, 99



68, 173, 0



18, 46, 0

Inverse Universe

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



95, 123, 221



82, 120, 255



120, 95, 221



99, 101, 110



0, 38, 173



0, 10, 46

Previews

White Background



This preview shows how the RYB color 145, 221, 95 looks on a white background.

Color Contrast Check

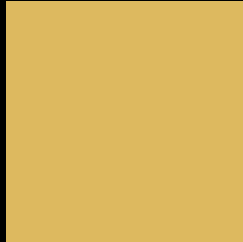
Large Text (above 18pt) WCAG AA × Fail

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, 221, 95 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](#).

R Y B 145, 221, 95 Background



This preview shows how black text looks on a background with the R Y B color 145, 221, 95.



This preview shows how white text looks on a background with the R Y B color 145, 221, 95.

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, 221, 95

Protanopia
119, 209, 96

Deuteranopia
182, 233, 96



Tritanopia
229, 175, 188

Trichromacy



Original Color

145, 221, 95

Protanomaly

128, 213, 96

Deuteranomaly

169, 229, 96

Tritanomaly

226, 192, 154

Monochromacy



Original Color

145, 221, 95

Achromatopsia

186, 186, 186

Achromatomaly

171, 199, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 221, 95 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(221, 185, 95)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 95)  
}
```

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(221, 185, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 95) }
```

Border

The CSS property to change the border of an element to RYB 145, 221, 95 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(221, 185, 95) }
```

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

```
.border{ border-color:rgb(221, 185, 95) }
```

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

Here you see how a box with a 4 pixel rgb(221, 185, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 95);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
95) }
```

Background

The CSS property to change the background color of an element to RYB 145, 221, 95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 95) }
```

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

```
.background{ background-color: rgb(221,  
185, 95) }
```

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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