

Converting Colors

`RYB(145, 242, 146)`

Have a look what the booklet for
RYB(145, 242, 146) contains.

RYB(145, 242, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(145, 242, 146)

Conversions

Conversions Part 1

Format	Color
Hex	F1F291
RGB	241, 242, 145
RGB Percent	95%, 95%, 57%
CMY	0.0549, 0.0510, 0.4314
CMYK	0.00, 0.00, 0.40, 0.05
HSL	61°, 79%, 76%
HSV	61°, 40%, 95%
XYZ	73.1386, 84.2494, 39.1950
YIQ	230.6430, 30.5410, -30.3790

Conversions

Conversions Part 2

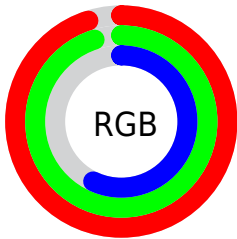
Format	Color
R_{YB}	145, 242, 146
Decimal	15856273
CIE _{Lab}	93.56, -14.05, 46.62
CIE _{LCh}	94, 48.694, 106.773
Yxy	84.2494, 0.3720, 0.4286
Android (android.graphics.Color)	4294046353 (0xFFFF1F291)
YUV	230.6430, -42.2220, 9.0831
Hunter-Lab	91.7875, -18.3947, 38.9333

Details

The RYB color **145, 242, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146, 145, 242**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **200, 255, 200**, and **92, 186, 95** is the 20% darker color. If you saturate the color by 10%, you get **121, 242, 122**, and if you desaturate by 10%, it is **169, 242, 170**.

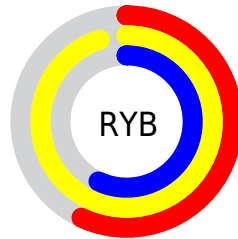
Distribution



Red (95%)

Green (95%)

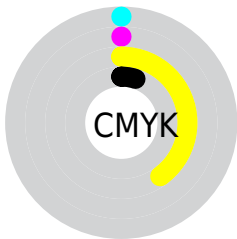
Blue (57%)



Red (57%)

Yellow (95%)

Blue (57%)

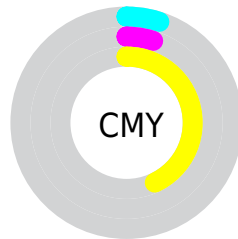


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 242, 146 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, 242, 146 by changing the saturation by 10% instead.

 145, 242, 146


255, 255, 255


 200, 255, 200


 229, 255, 229

 145, 242, 146

 118, 214, 120

 92, 186, 95

 67, 159, 70

 41, 133, 46

 12, 108, 18

 0, 84, 8


 0, 61, 10

 0, 39, 13

 0, 20, 20

 145, 242, 146

 145, 242, 146

 121, 242, 122

 169, 242, 170

 97, 242, 98

 193, 242, 194

 72, 242, 74

 218, 242, 218

 48, 242, 50

 242, 242, 242

 24, 242, 26

 242, 242, 255

 0, 242, 2

 243, 242, 255

Harmonies

Analogous

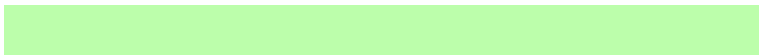
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184, 255, 145



145, 242, 146



171, 254, 237

Triad

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



145, 242, 146



40, 148, 255



255, 202, 255

Complementary

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



145, 242, 146



146, 145, 242

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, 215, 255



145, 242, 146



131, 191, 255

Square

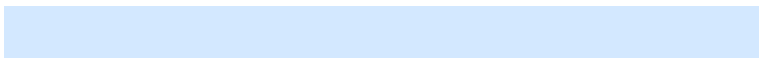
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



145, 242, 146



54, 155, 255



211, 225, 255



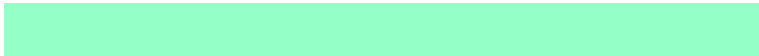
255, 201, 212

Rectangle

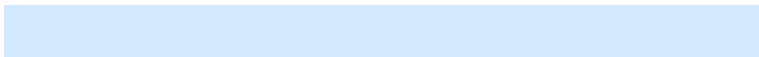
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145, 242, 146



148, 221, 255



211, 225, 255



255, 205, 255

Sweetspot

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



145, 242, 146



224, 255, 224



242, 145, 145



110, 128, 111



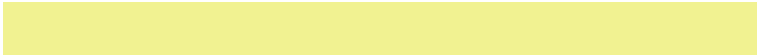
0, 0, 0



128, 128, 128

Same Dimension

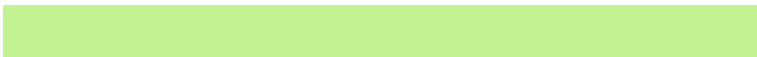
The Same Dimension uses a secret algorithm to generate beautiful new colors.



145, 242, 146



133, 255, 134



145, 242, 193



108, 120, 108



0, 184, 2



0, 56, 0

Inverse Universe

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



146, 145, 242



134, 133, 255



194, 145, 242



108, 108, 120



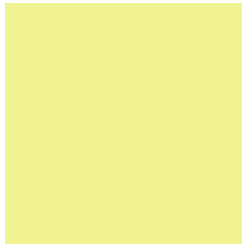
2, 0, 184



1, 0, 56

Previews

White Background



This preview shows how the RYB color 145, 242, 146 looks on a white background.

Color Contrast Check

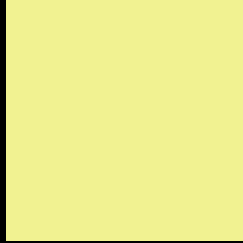
Large Text (above 18pt) WCAG AA × Fail

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, 242, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

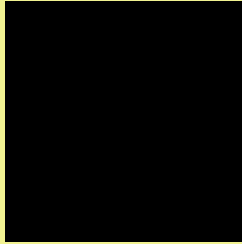
Any Text WCAG AA ✓ Pass

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](#).

RYP 145, 242, 146 Background



This preview shows how black text looks on a background with the RYP color 145, 242, 146.

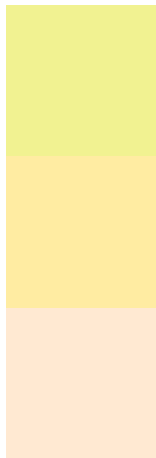


This preview shows how white text looks on a background with the RYP color 145, 242, 146.

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, 242, 146

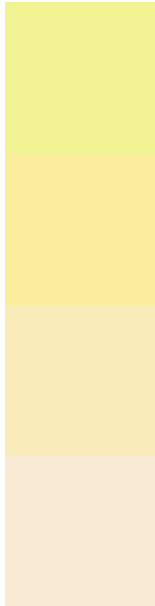
Protanopia
186, 255, 162

Deuteranopia
253, 255, 210



Tritanopia
253, 230, 248

Trichromacy



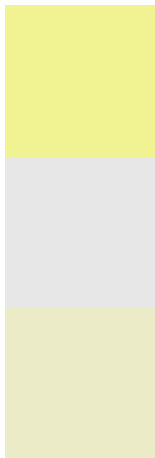
Original Color
145, 242, 146

Protanomaly
170, 250, 156

Deuteranomaly
204, 250, 186

Tritanomaly
236, 249, 211

Monochromacy



Original Color
145, 242, 146

Achromatopsia
231, 231, 231

Achromatomaly
200, 235, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 242, 146 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(241, 242, 145)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 145)  
}
```

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(241, 242, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 242, 146 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(241, 242, 145) }
```

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

```
.border{ border-color:rgb(241, 242, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 242, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 242, 145); box-shadow:4px 4px 4px 4px rgb(241, 242, 145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 242, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 145) }
```

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

```
.background{ background-color: rgb(241,  
242, 145) }
```

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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