

Converting Colors

`RYB(145, 242, 121)`

Have a look what the booklet for
RYB(145, 242, 121) contains.

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Color

R_YB(145, 242, 121)

Conversions

Conversions Part 1

Format	Color
Hex	F2DE79
RGB	242, 222, 121
RGB Percent	95%, 87%, 47%
CMY	0.0510, 0.1295, 0.5255
CMYK	0.00, 0.08, 0.50, 0.05
HSL	50°, 82%, 71%
HSV	50°, 50%, 95%
XYZ	66.1831, 72.4856, 28.5921
YIQ	216.4660, 44.3410, -27.1710

Conversions

Conversions Part 2

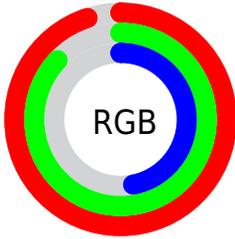
Format	Color
RYB	145, 242, 121
Decimal	15916665
CIELab	88.20, -5.97, 51.59
CIELCh	88, 51.930, 96.605
Yxy	72.4856, 0.3957, 0.4334
Android (android.graphics.Color)	4294106745 (0xFFFF2DE79)
YUV	216.4660, -47.0647, 22.3933
Hunter-Lab	85.1385, -10.2339, 39.6856

Details

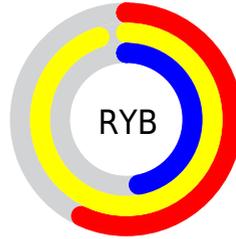
The RYB color **145, 242, 121** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **121, 138, 242**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **175, 255, 175**, and **89, 184, 69** is the 20% darker color. If you saturate the color by 10%, you get **126, 242, 97**, and if you desaturate by 10%, it is **164, 242, 145**.

Distribution



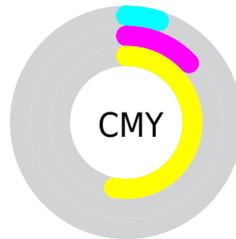
- Red (95%)
- Green (87%)
- Blue (47%)



- Red (57%)
- Yellow (95%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 242, 121 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, 121 by changing the saturation by 10% instead.

 145, 242, 121

 145, 242, 121

255, 255, 255

 118, 213, 95

 175, 255, 175

 89, 184, 69

 203, 255, 203

 59, 155, 43

 232, 255, 232

 27, 128, 12

 11, 101, 0

 8, 75, 0

 3, 49, 0

 0, 26, 2

 0, 0, 0

 145, 242, 121

 145, 242, 121

 126, 242, 97

 164, 242, 145

 107, 242, 73

 183, 242, 169

 86, 242, 48

 204, 242, 194

 67, 242, 24

 223, 242, 218

 48, 242, 0

 242, 242, 242

 242, 245, 255

 242, 247, 255

 242, 248, 255

 242, 249, 255

Harmonies

Analogous

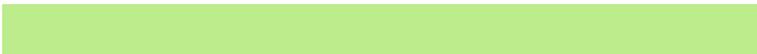
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 255, 131



145, 242, 121



140, 236, 187

Triad

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



145, 242, 121



0, 125, 255



255, 188, 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, 121



121, 138, 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.



241, 204, 255



145, 242, 121



46, 146, 255

Square

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



145, 242, 121



0, 128, 247



164, 200, 255



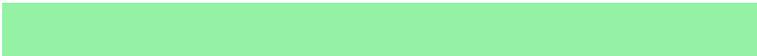
255, 181, 212

Rectangle

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



145, 242, 121



148, 228, 242



164, 200, 255



255, 193, 255

Sweetspot

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



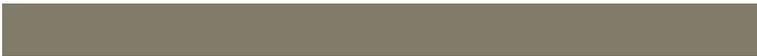
145, 242, 121



224, 255, 217



242, 121, 141



110, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

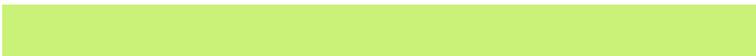
The Same Dimension uses a secret algorithm to generate beautiful new colors.



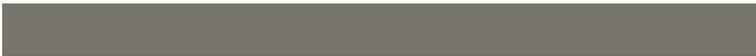
145, 242, 121



132, 255, 102



121, 242, 161



110, 120, 108



37, 184, 0



11, 56, 0

Inverse Universe

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



121, 138, 242



102, 123, 255



161, 121, 242



108, 110, 120



0, 26, 184



0, 8, 56

Previews

White Background



This preview shows how the RYB color 145, 242, 121 looks on a white background.

Color Contrast Check

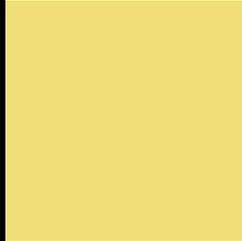
Large Text (above 18pt) WCAG AA × Fail

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, 121 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, 242, 121 Background



This preview shows how black text looks on a background with the RYB color 145, 242, 121.



This preview shows how white text looks on a background with the RYB color 145, 242, 121.

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, 121

Protanopia
149, 244, 121

Deuteranopia
235, 255, 164



Tritanopia
252, 210, 226

Trichromacy



Original Color
145, 242, 121

Protanomaly
148, 243, 121

Deuteranomaly
195, 250, 148

Tritanomaly
248, 234, 188

Monochromacy



Original Color
145, 242, 121

Achromatopsia
216, 216, 216

Achromatomaly
189, 225, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 242, 121 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(242, 222, 121)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 121)  
}
```

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(242, 222, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 121) }
```

Border

The CSS property to change the border of an element to RYB 145, 242, 121 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(242, 222, 121) }
```

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

```
.border{ border-color:rgb(242, 222, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 121);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 145, 242, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 121) }
```

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

```
.background{ background-color: rgb(242,  
222, 121) }
```

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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