

Converting Colors

`RYB(146, 241, 130)`

Have a look what the booklet for
RYB(146, 241, 130) contains.

RYB(146, 241, 130)	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(146, 241, 130)

Conversions

Conversions Part 1

Format	Color
Hex	F1E382
RGB	241, 227, 130
RGB Percent	95%, 89%, 51%
CMY	0.0549, 0.1097, 0.4902
CMYK	0.00, 0.06, 0.46, 0.05
HSL	52°, 80%, 73%
HSV	52°, 46%, 95%
XYZ	67.7783, 75.2593, 32.0733
YIQ	220.1280, 39.4810, -27.1990

Conversions

Conversions Part 2

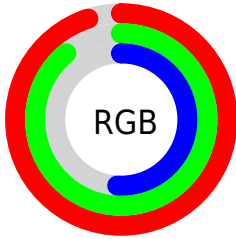
Format	Color
R_{YB}	146, 241, 130
Decimal	15852418
CIE _{Lab}	89.51, -8.10, 48.85
CIE _{LCh}	90, 49.515, 99.413
Yxy	75.2593, 0.3871, 0.4298
Android (android.graphics.Color)	4294042498 (0xFFFF1E382)
YUV	220.1280, -44.4331, 18.3047
Hunter-Lab	86.7521, -12.3564, 38.8062

Details

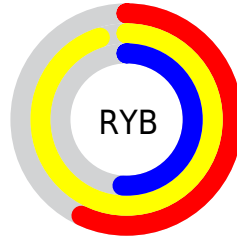
The RYB color **146, 241, 130** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **130, 142, 241**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **185, 255, 185**, and **90, 183, 78** is the 20% darker color. If you saturate the color by 10%, you get **125, 241, 106**, and if you desaturate by 10%, it is **167, 241, 154**.

Distribution



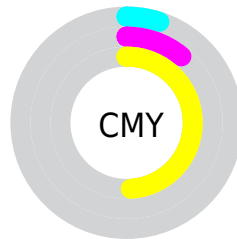
- Red (95%)
- Green (89%)
- Blue (51%)



- Red (57%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 241, 130 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 146, 241, 130 by changing the saturation by 10% instead.

 146, 241, 130

255, 255, 255


 185, 255, 185

 213, 255, 213


 242, 255, 242

 146, 241, 130

 119, 212, 104

 90, 183, 78

 63, 155, 52

 33, 127, 25

 6, 101, 0

 3, 75, 0

 0, 50, 1

 0, 29, 4


 0, 0, 0

 146, 241, 130

 146, 241, 130

 125, 241, 106

 167, 241, 154

 105, 241, 82

 187, 241, 178


 84, 241, 58

 208, 241, 202

 64, 241, 34

 228, 241, 226

 43, 241, 10

 241, 242, 251

 34, 241, 0

 241, 244, 255

 241, 246, 255

 241, 247, 255

 241, 248, 255

Harmonies

Analogous

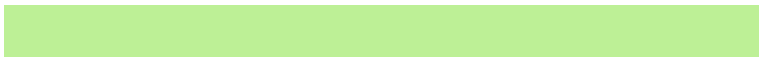
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207, 255, 137



146, 241, 130



150, 240, 201

Triad

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



146, 241, 130



0, 125, 255



255, 192, 255

Complementary

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



146, 241, 130



130, 142, 241

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.



249, 207, 255



146, 241, 130



88, 167, 255

Square

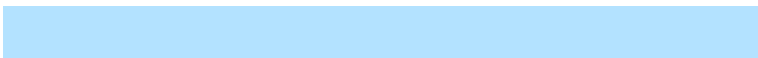
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



146, 241, 130



45, 150, 250



179, 208, 255



255, 188, 212

Rectangle

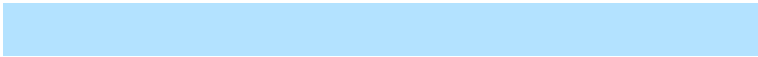
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146, 241, 130



151, 227, 246



179, 208, 255



255, 196, 255

Sweetspot

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



146, 241, 130



224, 255, 219



241, 130, 145



109, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



146, 241, 130



136, 255, 115



130, 241, 171



110, 120, 108



28, 184, 0



8, 56, 0

Inverse Universe

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



130, 142, 241



115, 130, 255



171, 130, 241



108, 109, 120



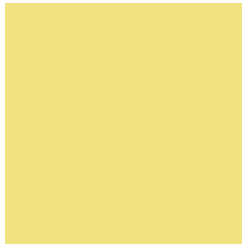
0, 20, 184



0, 6, 56

Previews

White Background



This preview shows how the RYB color 146, 241, 130 looks on a white background.

Color Contrast Check

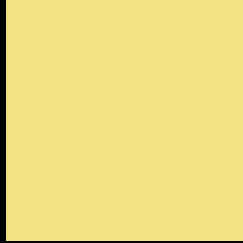
Large Text (above 18pt) WCAG AA × Fail

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 146, 241, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

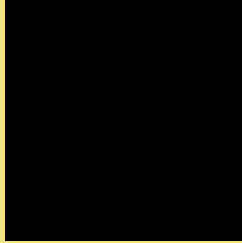
Any Text WCAG AA ✓ Pass

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 146, 241, 130 Background



This preview shows how black text looks on a background with the RYB color 146, 241, 130.



This preview shows how white text looks on a background with the RYB color 146, 241, 130.

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
146, 241, 130

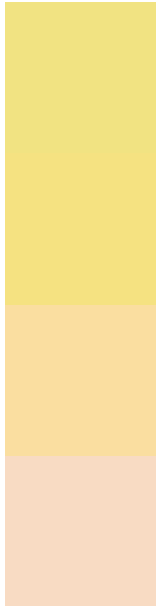
Protanopia
156, 247, 129

Deuteranopia
244, 255, 177



Tritanopia
252, 215, 232

Trichromacy



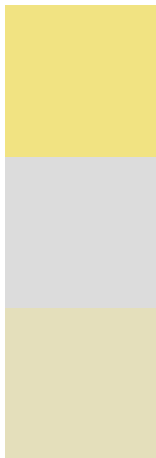
Original Color
146, 241, 130

Protanomaly
152, 245, 129

Deuteranomaly
201, 250, 160

Tritanomaly
248, 239, 195

Monochromacy



Original Color
146, 241, 130

Achromatopsia
220, 220, 220

Achromatomaly
193, 228, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 241, 130 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, 227, 130)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 130)  
}
```

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, 227, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 130) }
```

Border

The CSS property to change the border of an element to RYB 146, 241, 130 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, 227, 130) }
```

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

```
.border{ border-color:rgb(241, 227, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 130);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 146, 241, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 130) }
```

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

```
.background{ background-color: rgb(241,  
227, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor