

Converting Colors

`RYB(126, 214, 91)`

Have a look what the booklet for
RYB(126, 214, 91) contains.

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Color

`RYB(126, 214, 91)`

Conversions

Conversions Part 1

Format	Color
Hex	D6BB5B
RGB	214, 187, 91
RGB Percent	84%, 73%, 36%
CMY	0.1608, 0.2676, 0.6431
CMYK	0.00, 0.13, 0.57, 0.16
HSL	47°, 60%, 60%
HSV	47°, 57%, 84%
XYZ	47.3379, 50.4875, 17.1476
YIQ	184.1290, 46.9080, -24.1320

Conversions

Conversions Part 2

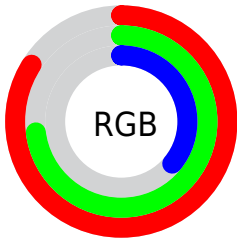
Format	Color
RYB	126, 214, 91
Decimal	14072667
CIELab	76.37, -1.80, 51.25
CIElCh	76, 51.281, 92.015
Yxy	50.4875, 0.4117, 0.4391
Android (android.graphics.Color)	4292262747 (0xFFD6BB5B)
YUV	184.1290, -45.9126, 26.1969
Hunter-Lab	71.0545, -5.4253, 35.4297

Details

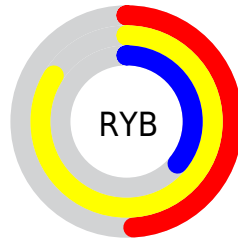
The RYB color **126, 214, 91** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **91, 113, 214**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **157, 255, 144**, and **66, 156, 39** is the 20% darker color. If you saturate the color by 10%, you get **111, 214, 70**, and if you desaturate by 10%, it is **142, 214, 112**.

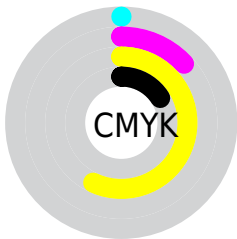
Distribution



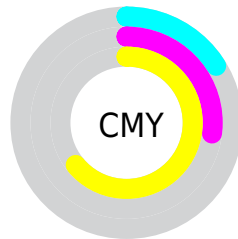
- Red (84%)
- Green (73%)
- Blue (36%)



- Red (49%)
- Yellow (84%)
- Blue (36%)



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



- Cyan (16%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the RYB color 126, 214, 91 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 126, 214, 91 by changing the saturation by 10% instead.

 126, 214, 91

 126, 214, 91


255, 255, 255

 97, 185, 65

 157, 255, 144

 66, 156, 39

 171, 255, 171


 31, 129, 7

 199, 255, 199

 19, 101, 0

 228, 255, 228

 16, 75, 0

 11, 49, 0

 6, 25, 0

 0, 0, 0

 126, 214, 91

 126, 214, 91

111, 214, 70

142, 214, 112

96, 214, 48

157, 214, 134

80, 214, 27

172, 214, 155

64, 214, 5

187, 214, 177

60, 214, 0

203, 214, 198

214, 215, 219

214, 219, 241

214, 223, 255

214, 225, 255

Harmonies

Analogous

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



253, 221, 105



126, 214, 91



105, 200, 140

Triad

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



126, 214, 91



0, 112, 237



250, 157, 234

Complementary

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



126, 214, 91



91, 113, 214

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.



196, 175, 255



126, 214, 91



0, 114, 255

Square

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



126, 214, 91



0, 113, 213



114, 164, 255



255, 149, 187

Rectangle

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



126, 214, 91



127, 206, 207



114, 164, 255



235, 163, 247

Sweetspot

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



126, 214, 91



225, 255, 212



214, 91, 120



110, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



126, 214, 91



129, 255, 79



91, 214, 124



98, 107, 96



49, 171, 0



11, 43, 0

Inverse Universe

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



91, 113, 214



79, 111, 255



124, 91, 214



96, 98, 107



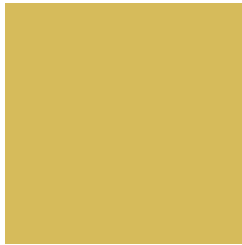
0, 31, 171



0, 8, 43

Previews

White Background



This preview shows how the RYB color 126, 214, 91 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 126, 214, 91 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 126, 214, 91 Background



This preview shows how black text looks on a background with the RYB color 126, 214, 91.



This preview shows how white text looks on a background with the RYB color 126, 214, 91.

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


126, 214, 91

Protanopia

116, 209, 92

Deuteranopia

179, 232, 93



Tritanopia
223, 176, 190

Trichromacy



Original Color
126, 214, 91

Protanomaly
121, 211, 92

Deuteranomaly
156, 225, 92

Tritanomaly
220, 197, 154

Monochromacy



Original Color
126, 214, 91

Achromatopsia
184, 184, 184

Achromatomaly
163, 195, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 214, 91 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(214, 187, 91)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 91)  
}
```

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(214, 187, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 91) }
```

Border

The CSS property to change the border of an element to RYB 126, 214, 91 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(214, 187, 91) }
```

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

```
.border{ border-color:rgb(214, 187, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 91);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
91) }
```

Background

The CSS property to change the background color of an element to RGB 126, 214, 91 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 91) }
```

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

```
.background{ background-color: rgb(214,  
187, 91) }
```

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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