

Converting Colors

`RYB(139, 223, 110)`

Have a look what the booklet for
RYB(139, 223, 110) contains.

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Color

$\text{RYB}(139, 223, 110)$

Conversions

Conversions Part 1

Format	Color
Hex	DFC86E
RGB	223, 200, 110
RGB Percent	87%, 78%, 43%
CMY	0.1255, 0.2160, 0.5686
CMYK	0.00, 0.10, 0.51, 0.13
HSL	48°, 64%, 65%
HSV	48°, 51%, 87%
XYZ	53.8822, 58.0864, 23.1238
YIQ	196.6170, 42.5980, -23.1140

Conversions

Conversions Part 2

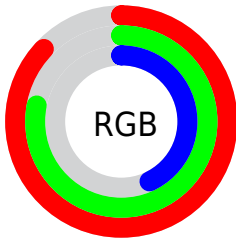
Format	Color
RYB	139, 223, 110
Decimal	14665838
CIELab	80.79, -3.37, 47.55
CIELCh	81, 47.669, 94.054
Yxy	58.0864, 0.3989, 0.4300
Android (android.graphics.Color)	4292855918 (0xFFDFC86E)
YUV	196.6170, -42.7022, 23.1379
Hunter-Lab	76.2145, -7.1791, 35.3613

Details

The RYB color **139, 223, 110** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **110, 129, 223**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **163, 255, 163**, and **84, 166, 59** is the 20% darker color. If you saturate the color by 10%, you get **123, 223, 88**, and if you desaturate by 10%, it is **156, 223, 132**.

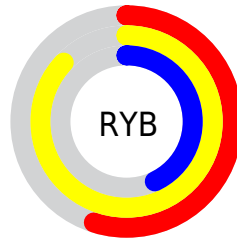
Distribution



Red (87%)

Green (78%)

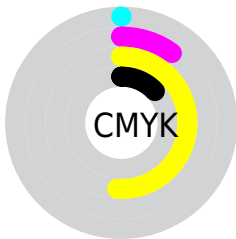
Blue (43%)



Red (55%)

Yellow (87%)

Blue (43%)

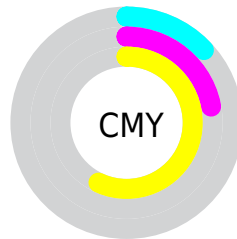


Cyan (0%)

Magenta (10%)

Yellow (51%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 223, 110 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 139, 223, 110 by changing the saturation by 10% instead.

 139, 223, 110

255, 255, 255

 163, 255, 163


 191, 255, 191


 219, 255, 219

 248, 255, 248

 139, 223, 110


 110, 194, 84

 84, 166, 59

 53, 138, 33

 18, 111, 1

 13, 84, 0

 11, 59, 0

 5, 34, 0

 0, 5, 5

 0, 0, 0

■ 139, 223, 110

■ 139, 223, 110

■ 123, 223, 88

■ 156, 223, 132

■ 105, 223, 65

■ 173, 223, 155

■ 90, 223, 43

■ 188, 223, 177

■ 72, 223, 21

■ 205, 223, 199

■ 58, 223, 0

■ 222, 223, 222

■ 223, 226, 244

■ 223, 230, 255

■ 223, 232, 255

■ 223, 235, 255

Harmonies

Analogous

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



255, 240, 121



139, 223, 110



125, 213, 162

Triad

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



139, 223, 110



0, 117, 249



255, 171, 240

Complementary

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



139, 223, 110



110, 129, 223

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.



213, 187, 255



139, 223, 110



33, 133, 255

Square

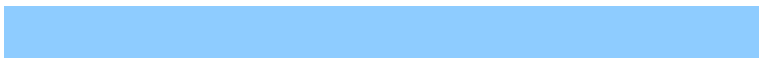
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



139, 223, 110



35, 135, 224



142, 182, 255



255, 165, 196

Rectangle

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



139, 223, 110



140, 213, 219



142, 182, 255



248, 176, 253

Sweetspot

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



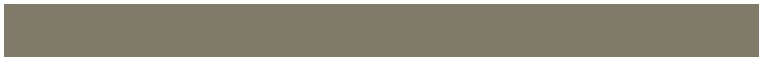
139, 223, 110



227, 255, 217



223, 110, 134



111, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



139, 223, 110



139, 255, 99



110, 223, 142



103, 112, 101



45, 176, 0



11, 48, 0

Inverse Universe

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



110, 129, 223



99, 126, 255



142, 110, 223



101, 103, 112



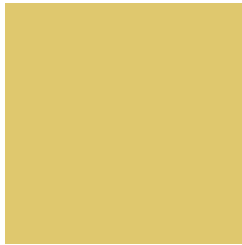
0, 30, 176



0, 8, 48

Previews

White Background



This preview shows how the RYB color 139, 223, 110 looks on a white background.

Color Contrast Check

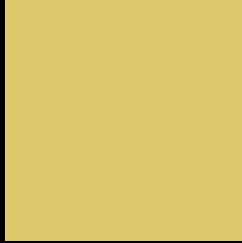
Large Text (above 18pt) WCAG AA × Fail

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 139, 223, 110 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 139, 223, 110 Background



This preview shows how black text looks on a background with the RYB color 139, 223, 110.



This preview shows how white text looks on a background with the RYB color 139, 223, 110.

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
139, 223, 110

Protanopia
134, 221, 110

Deuteranopia
203, 245, 112



Tritanopia
232, 189, 204

Trichromacy



Original Color
139, 223, 110

Protanomaly
136, 222, 110

Deuteranomaly
176, 237, 111

Tritanomaly
229, 208, 170

Monochromacy



Original Color
139, 223, 110

Achromatopsia
197, 197, 197

Achromatomaly
175, 206, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 223, 110 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(223, 200, 110)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 110)  
}
```

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(223, 200, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 110) }
```

Border

The CSS property to change the border of an element to RYB 139, 223, 110 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(223, 200, 110) }
```

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

```
.border{ border-color:rgb(223, 200, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 200, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 200, 110); box-shadow:4px 4px 4px 4px rgb(223, 200, 110) }
```

Background

The CSS property to change the background color of an element to RYB 139, 223, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 110) }
```

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

```
.background{ background-color: rgb(223,  
200, 110) }
```

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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