

Converting Colors

`RYB(136, 212, 108)`

Have a look what the booklet for
RYB(136, 212, 108) contains.

RYB(136, 212, 108)	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(136, 212, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D4BE6C
RGB	212, 190, 108
RGB Percent	83%, 75%, 42%
CMY	0.1686, 0.2551, 0.5765
CMYK	0.00, 0.10, 0.49, 0.17
HSL	47°, 55%, 63%
HSV	47°, 49%, 83%
XYZ	48.2585, 51.8804, 21.6578
YIQ	187.2300, 39.4340, -20.8380

Conversions

Conversions Part 2

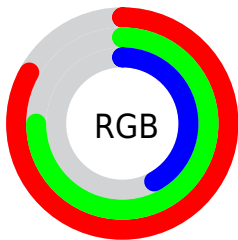
Format	Color
R _{YB}	136, 212, 108
Decimal	13942380
CIE Lab	77.21, -2.88, 43.96
CIE LCh	77, 44.052, 93.747
Yxy	51.8804, 0.3962, 0.4260
Android (android.graphics.Color)	4292132460 (0xFFD4BE6C)
YUV	187.2300, -39.0604, 21.7233
Hunter-Lab	72.0281, -6.4549, 32.5920

Details

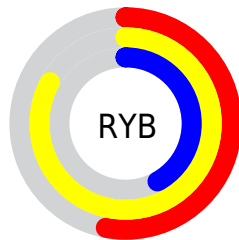
The RYB color **136, 212, 108** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **108, 126, 212**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **171, 255, 161**, and **80, 155, 58** is the 20% darker color. If you saturate the color by 10%, you get **121, 212, 87**, and if you desaturate by 10%, it is **152, 212, 129**.

Distribution



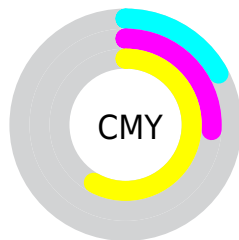
- Red (83%)
- Green (75%)
- Blue (42%)



- Red (53%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (49%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 212, 108 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 136, 212, 108 by changing the saturation by 10% instead.

 136, 212, 108

255, 255, 255

 171, 255, 161


 188, 255, 188


 217, 255, 217

 245, 255, 245

 136, 212, 108

 108, 183, 83

 80, 155, 58

 52, 128, 33

 19, 101, 3

 14, 76, 0

 8, 50, 0

 3, 26, 0

 0, 0, 0

 136, 212, 108

 136, 212, 108

■ 121, 212, 87

■ 152, 212, 129

■ 105, 212, 66

■ 166, 212, 150

■ 90, 212, 44

■ 184, 212, 172

■ 74, 212, 23

■ 198, 212, 193

■ 59, 212, 2

■ 212, 212, 214

■ 57, 212, 0

■ 212, 216, 235

■ 212, 219, 255

■ 212, 223, 255

■ 212, 225, 255

Harmonies

Analogous

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



246, 224, 118



136, 212, 108



121, 202, 154

Triad

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



136, 212, 108



0, 111, 235



246, 164, 228

Complementary

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



136, 212, 108



108, 126, 212

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.



202, 178, 255



136, 212, 108



52, 139, 255

Square

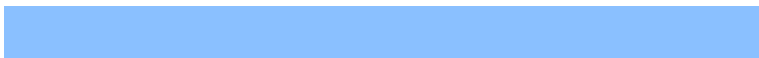
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



136, 212, 108



52, 136, 212



138, 175, 255



255, 158, 187

Rectangle

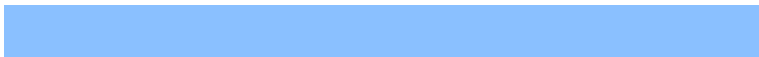
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



136, 212, 108



136, 202, 207



138, 175, 255



234, 168, 239

Sweetspot

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



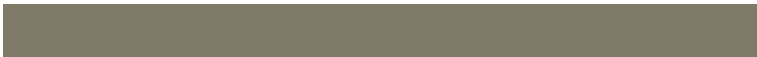
136, 212, 108



227, 255, 217



212, 108, 131



111, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



136, 212, 108



146, 255, 105



108, 212, 137



98, 107, 96



46, 171, 0



11, 43, 0

Inverse Universe

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



108, 126, 212



105, 131, 255



137, 108, 212



96, 98, 107



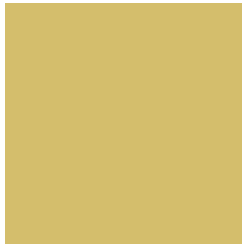
0, 30, 171



0, 7, 43

Previews

White Background



This preview shows how the RYB color 136, 212, 108 looks on a white background.

Color Contrast Check

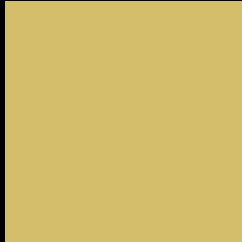
Large Text (above 18pt) WCAG AA × Fail

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 136, 212, 108 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 136, 212, 108 Background



This preview shows how black text looks on a background with the RYB color 136, 212, 108.



This preview shows how white text looks on a background with the RYB color 136, 212, 108.

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
136, 212, 108

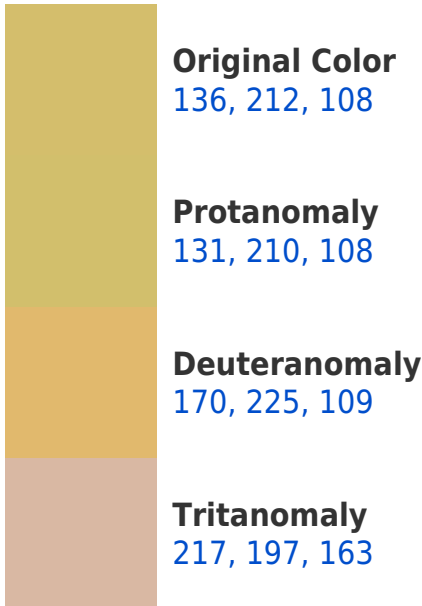
Protanopia
130, 209, 108

Deuteranopia
195, 232, 110

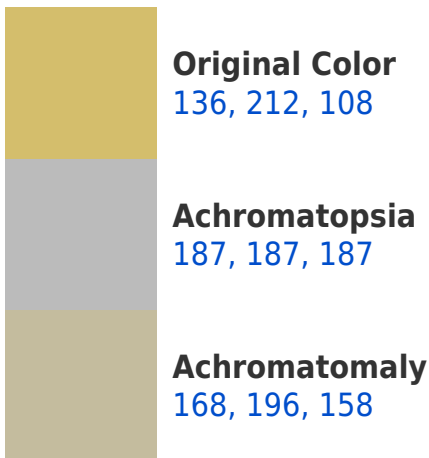


Tritanopia
220, 180, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 212, 108 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(212, 190, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 108)  
}
```

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(212, 190, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 108) }
```

Border

The CSS property to change the border of an element to RYB 136, 212, 108 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(212, 190, 108) }
```

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

```
.border{ border-color:rgb(212, 190, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 190, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 136, 212, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 108) }
```

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

```
.background{ background-color: rgb(212,  
190, 108) }
```

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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