

Converting Colors

RGB(172, 191, 86)

Have a look what the booklet for
RGB(172, 191, 86) contains.

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Color

RGB(172, 191, 86)

Conversions

Conversions Part 1

Format	Color
Hex	ACBF56
RGB	172, 191, 86
RGB Percent	67%, 75%, 34%
CMY	0.3255, 0.2510, 0.6627
CMYK	0.10, 0.00, 0.55, 0.25
HSL	71°, 45%, 54%
HSV	71°, 55%, 75%
XYZ	37.3238, 46.7041, 15.8517
YIQ	173.3490, 22.3810, -36.6830

Conversions

Conversions Part 2

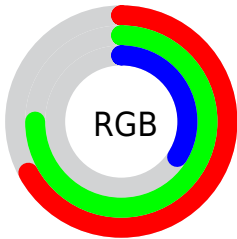
Format	Color
RYB	86, 191, 105
Decimal	11321174
CIELab	74.00, -21.79, 49.96
CIELCh	74, 54.504, 113.562
Yxy	46.7041, 0.3737, 0.4676
Android (android.graphics.Color)	4289511254 (0xFFACBF56)
YUV	173.3490, -43.0631, -1.1831
Hunter-Lab	68.3404, -22.1089, 34.0858

Details

The RGB color **172, 191, 86** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **105, 86, 191**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **229, 247, 139**, and **117, 138, 33** is the 20% darker color. If you saturate the color by 10%, you get **169, 191, 67**, and if you desaturate by 10%, it is **175, 191, 105**.

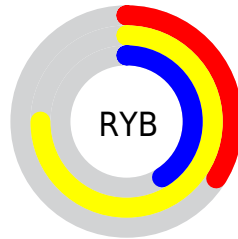
Distribution



Red (67%)

Green (75%)

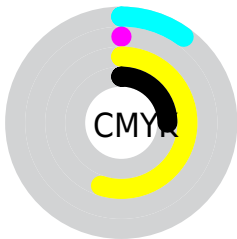
Blue (34%)



Red (34%)

Yellow (75%)

Blue (41%)

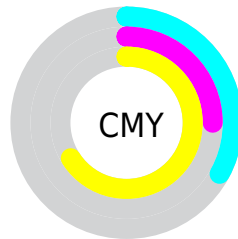


Cyan (10%)

Magenta (0%)

Yellow (55%)

Black (25%)



Cyan (33%)

















Magenta (25%)


Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the RGB color 172, 191, 86 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 RGB color 172, 191, 86 by changing the saturation by 10% instead.


 172, 191, 86	 172, 191, 86
 255, 255, 255	 144, 164, 60
 229, 247, 139	 117, 138, 33
 255, 255, 166	 91, 112, 0
 255, 255, 194	 65, 88, 0
 255, 255, 222	 40, 64, 0
 255, 255, 252	 13, 42, 0
	 0, 23, 0
	 0, 0, 0

 172, 191, 86

 172, 191, 86


 169, 191, 67


 175, 191, 105

 165, 191, 48

 179, 191, 124

 162, 191, 29

 182, 191, 143


 158, 191, 10


 186, 191, 162

 156, 191, 0

 189, 191, 182

 193, 191, 201

 196, 191, 220

 200, 191, 239

 203, 191, 255

Harmonies

Analogous

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



221, 175, 79



172, 191, 86



111, 201, 120

Triad

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



172, 191, 86



0, 202, 255



255, 140, 195

Complementary

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



172, 191, 86



105, 86, 191

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.



233, 153, 242



172, 191, 86



49, 190, 255

Square

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



172, 191, 86



0, 207, 220



168, 173, 255



255, 142, 145

Rectangle

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



172, 191, 86



47, 205, 152



168, 173, 255



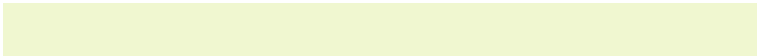
255, 143, 212

Sweetspot

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



172, 191, 86



240, 247, 208



191, 104, 86



121, 125, 101



252, 252, 252



125, 125, 125

Same Dimension

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



172, 191, 86



218, 247, 84



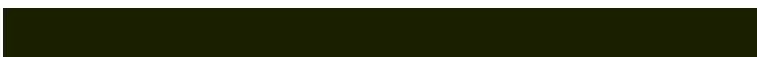
121, 191, 86



93, 94, 85



129, 158, 0



25, 31, 0

Inverse Universe

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



105, 86, 191



114, 84, 247



156, 86, 191



87, 85, 94



29, 0, 158



6, 0, 31

Previews

White Background



This preview shows how the RGB color 172, 191, 86 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 RGB color 172, 191, 86 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](#).

RGB 172, 191, 86 Background



This preview shows how black text looks on a background with the RGB color 172, 191, 86.

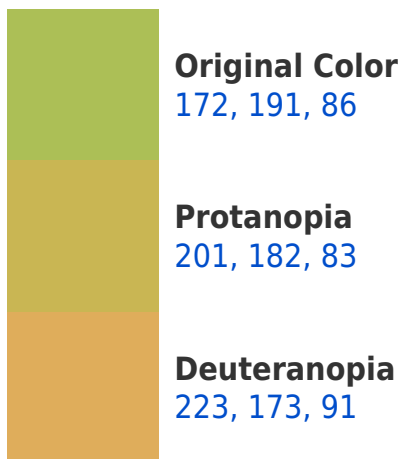



This preview shows how white text looks on a background with the RGB color 172, 191, 86.

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

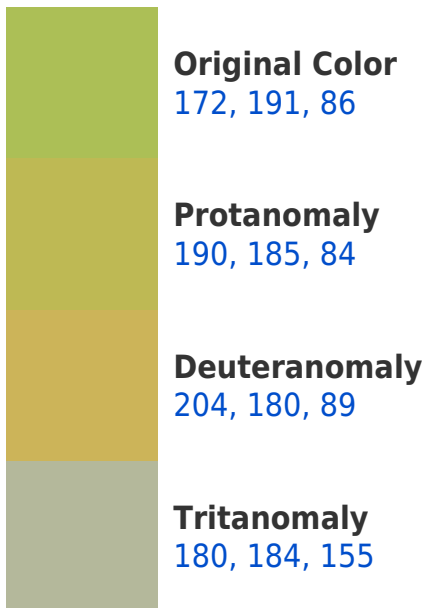




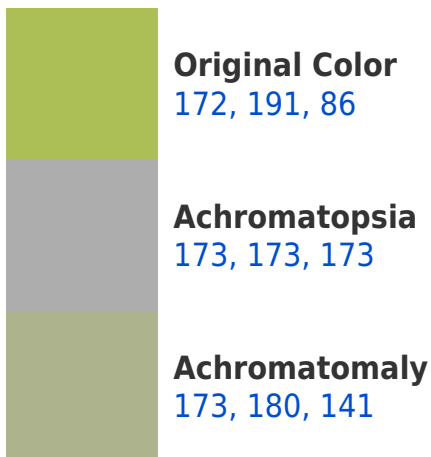
Tritanopia

184, 180, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 191, 86 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(172, 191, 86)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 86)  
}
```

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(172, 191, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 86) }
```

Border

The CSS property to change the border of an element to RGB 172, 191, 86 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(172, 191, 86) }
```

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

```
.border{ border-color:rgb(172, 191, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 86);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
86) }
```

Background

The CSS property to change the background color of an element to RGB 172, 191, 86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 86) }
```

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

```
.background{ background-color: rgb(172,  
191, 86) }
```

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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