

Converting Colors

RGB(209, 218, 124)

Have a look what the booklet for
RGB(209, 218, 124) contains.

RGB(209, 218, 124)	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

RGB(209, 218, 124)

Conversions

Conversions Part 1

Format	Color
Hex	D1DA7C
RGB	209, 218, 124
RGB Percent	82%, 85%, 49%
CMY	0.1804, 0.1451, 0.5137
CMYK	0.04, 0.00, 0.43, 0.15
HSL	66°, 56%, 67%
HSV	66°, 43%, 85%
XYZ	55.0040, 65.1534, 28.7456
YIQ	204.5930, 24.8100, -31.1420

Conversions

Conversions Part 2

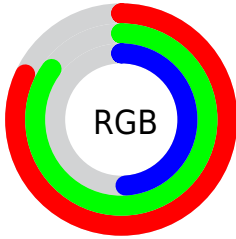
Format	Color
RYB	124, 218, 133
Decimal	13752956
CIELab	84.56, -16.79, 45.08
CIELCh	85, 48.108, 110.431
Yxy	65.1534, 0.3694, 0.4376
Android (android.graphics.Color)	4291943036 (0xFFD1DA7C)
YUV	204.5930, -39.7323, 3.8649
Hunter-Lab	80.7176, -19.6193, 35.3876

Details

The RGB color **209, 218, 124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **133, 124, 218**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 178**, and **153, 163, 73** is the 20% darker color. If you saturate the color by 10%, you get **207, 218, 102**, and if you desaturate by 10%, it is **211, 218, 146**.

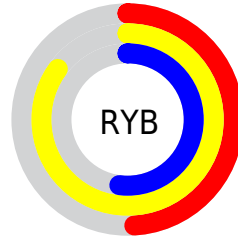
Distribution



Red (82%)

Green (85%)

Blue (49%)



Red (49%)

Yellow (85%)

Blue (52%)

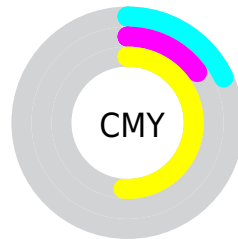


Cyan (4%)

Magenta (0%)

Yellow (43%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 209, 218, 124 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 209, 218, 124 by changing the saturation by 10% instead.

 209, 218, 124

 209, 218, 124

255, 255, 255

 181, 190, 98

 255, 255, 178

 153, 163, 73

 255, 255, 206

 126, 137, 47

 255, 255, 235

 100, 112, 20

 74, 87, 0

 50, 64, 0

 24, 42, 0

 0, 23, 0

 0, 0, 0

■ 209, 218, 124

■ 209, 218, 124

■ 207, 218, 102

■ 211, 218, 146

■ 205, 218, 80

■ 213, 218, 168

■ 203, 218, 59

■ 215, 218, 189

■ 201, 218, 37

■ 217, 218, 211

■ 199, 218, 15

■ 219, 218, 233

■ 197, 218, 0

■ 222, 218, 255

■ 224, 218, 255

■ 226, 218, 255

■ 228, 218, 255

Harmonies

Analogous

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



253, 203, 121



209, 218, 124



157, 229, 152

Triad

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



209, 218, 124



0, 230, 255



255, 176, 228

Complementary

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



209, 218, 124



133, 124, 218

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.



254, 188, 255



209, 218, 124



113, 220, 255

Square

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



209, 218, 124



0, 235, 241



194, 205, 255



255, 176, 182

Rectangle

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



209, 218, 124



116, 233, 179



194, 205, 255



255, 179, 243

Sweetspot

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



209, 218, 124



252, 255, 222



218, 132, 124



126, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



209, 218, 124



242, 255, 122



163, 218, 124



109, 110, 99



157, 173, 0



42, 46, 0

Inverse Universe

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



133, 124, 218



135, 122, 255



179, 124, 218



100, 99, 110



17, 0, 173



4, 0, 46

Previews

White Background



This preview shows how the RGB color 209, 218, 124 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 209, 218, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

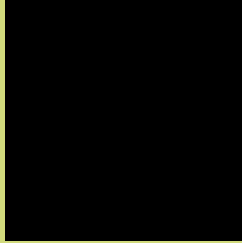
Any Text WCAG AA ✓ Pass

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 209, 218, 124 Background



This preview shows how black text looks on a background with the RGB color 209, 218, 124.



This preview shows how white text looks on a background with the RGB color 209, 218, 124.

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
209, 218, 124

Protanopia
231, 211, 121

Deuteranopia
255, 201, 129



Tritanopia
220, 207, 223

Trichromacy



Original Color

209, 218, 124

Protanomaly

223, 214, 122

Deuteranomaly

238, 207, 127

Tritanomaly

216, 211, 187

Monochromacy



Original Color

209, 218, 124

Achromatopsia

205, 205, 205

Achromatomaly

206, 210, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 218, 124 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(209, 218, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 124)  
}
```

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(209, 218, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 124) }
```

Border

The CSS property to change the border of an element to RGB 209, 218, 124 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(209, 218, 124) }
```

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

```
.border{ border-color:rgb(209, 218, 124) }
```

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

Here you see how a box with a 4 pixel rgb(209, 218, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 209, 218, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 124) }
```

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

```
.background{ background-color: rgb(209,  
218, 124) }
```

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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