

Converting Colors

Hex(209D46)

Have a look what the booklet for
Hex(209D46) contains.

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Color

Hex(209D46)

Conversions

Conversions Part 1

Format	Color
Hex	209D46
RGB	32, 157, 70
RGB Percent	13%, 62%, 27%
CMY	0.8745, 0.3843, 0.7255
CMYK	0.80, 0.00, 0.55, 0.38
HSL	138°, 66%, 37%
HSV	138°, 80%, 62%
XYZ	13.7581, 24.8632, 9.8683
YIQ	109.7070, -46.5730, -53.5570

Conversions

Conversions Part 2

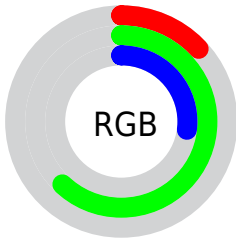
Format	Color
RYB	32, 128, 157
Decimal	2137414
CIELab	56.94, -51.88, 35.92
CIElCh	57, 63.101, 145.297
Yxy	24.8632, 0.2837, 0.5128
Android (android.graphics.Color)	4280327494 (0xFF209D46)
YUV	109.7070, -19.5756, -68.1490
Hunter-Lab	49.8630, -38.0089, 23.1701

Details

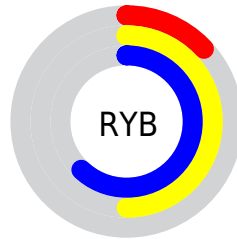
The Hex color **209D46** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9D2077**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **63D578**, and **006815** is the 20% darker color. If you saturate the color by 10%, you get **109D3B**, and if you desaturate by 10%, it is **309D51**.

Distribution



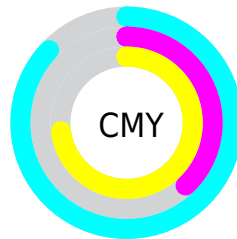
- Red (13%)
- Green (62%)
- Blue (27%)



- Red (13%)
- Yellow (50%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209D46 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 Hex color 209D46 by changing the saturation by 10% instead.

 209D46

 209D46

FFFFFF

 00822E

 63D578

 006815

 80F193

 004F00

 9DFFAE

 003700

 BAFFCA

 002000

 D8FFE6

 000000

 F5FFFF

 209D46

 209D46

 109D3B

 309D51

■ 019D30

■ 3F9D5C

■ 009D30

■ 4F9D67

■ 5F9D72

■ 6F9D7D

■ 7E9D88

■ 8E9D92

■ 9E9D9D

■ AD9DA8

Harmonies

Analogous

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



769312



209D46



00A27E

Triad

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



209D46



0092F7



E9575D

Complementary

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



209D46



9D2077

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.



E65294



209D46



777EED

Square

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



209D46



009DE3



C264C8



D36D2C

Rectangle

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



209D46



00A2A4



C264C8



EB526F

Sweetspot

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



209D46



9BCCAA



789D20



486651



E6E6E6



666666

Same Dimension

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



209D46



08CC44



209D84



474F4A



008F2B



000F05

Inverse Universe

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



9D2077



CC0890



9D2039



4F474D



8F0063



0F000B

Previews

White Background



This preview shows how the Hex color 209D46 looks on a white background.

Color Contrast Check

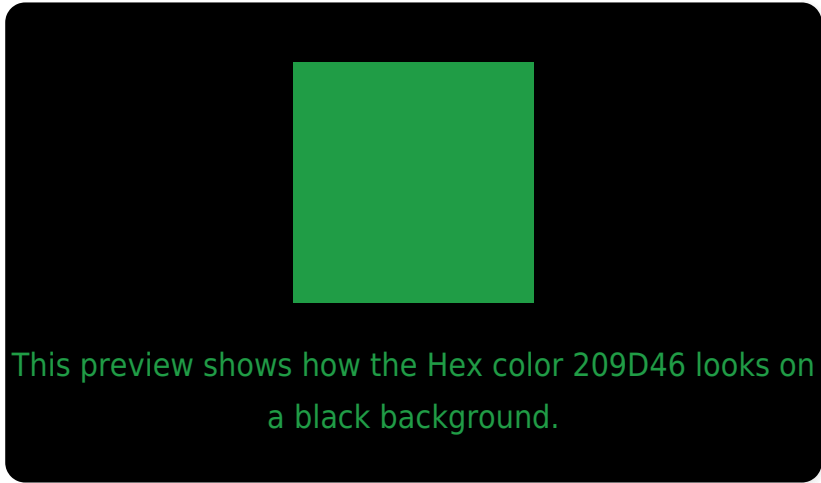
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 209D46 Background



This preview shows how black text looks on a background with the Hex color 209D46.



This preview shows how white text looks on a background with the Hex color 209D46.

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
209D46

Protanopia
96883F

Deuteranopia
A5814D



Tritanopia
4494A0

Trichromacy



Original Color
209D46



Protanomaly
6B9042



Deuteranomaly
758B4A



Tritanomaly
37977F

Monochromacy



Original Color
209D46



Achromatopsia
6E6E6E



Achromatomaly
527F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 209D46 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 #209D46 looks like.

```
.text, #text, p{  
    color:#209D46  
}
```

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 #209D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209D46
}
```

Border

The CSS property to change the border of an element to Hex 209D46 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
#209D46 }
```

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

```
.border{ border-color:#209D46 }
```

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

Here you see how a box with a 4 pixel #209D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209D46; -webkit-box-shadow:4px 4px  
4px 4px #209D46; box-shadow:4px 4px 4px  
4px #209D46 }
```

Background

The CSS property to change the background color of an element to Hex 209D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209D46 }
```

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

```
.background{ background-color:#209D46 }
```

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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