

Converting Colors

Hex(209C2E)

Have a look what the booklet for
Hex(209C2E) contains.

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Color

Hex(209C2E)

Conversions

Conversions Part 1

Format	Color
Hex	209C2E
RGB	32, 156, 46
RGB Percent	13%, 61%, 18%
CMY	0.8745, 0.3882, 0.8196
CMYK	0.79, 0.00, 0.71, 0.39
HSL	127°, 66%, 37%
HSV	127°, 79%, 61%
XYZ	12.9773, 24.2813, 6.5875
YIQ	106.3840, -38.5940, -60.4980

Conversions

Conversions Part 2

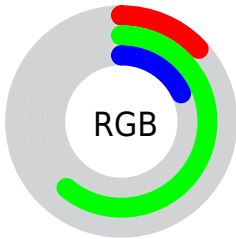
Format	Color
R _Y B	32, 143, 156
Decimal	2137134
CIE Lab	56.37, -54.47, 46.26
CIE LCh	56, 71.460, 139.659
Yxy	24.2813, 0.2960, 0.5538
Android (android.graphics.Color)	4280327214 (0xFF209C2E)
YUV	106.3840, -29.7693, -65.2348
Hunter-Lab	49.2760, -39.2235, 26.5669

Details

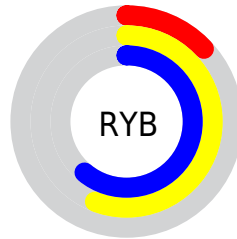
The Hex color **209C2E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C208E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **64D462**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **109C20**, and if you desaturate by 10%, it is **309C3C**.

Distribution



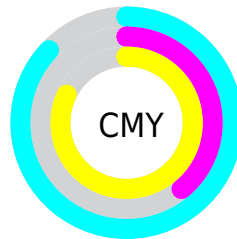
- Red (13%)
- Green (61%)
- Blue (18%)



- Red (13%)
- Yellow (56%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (71%)
- Black (39%)



- Cyan (87%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209C2E 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 209C2E by changing the saturation by 10% instead.

 209C2E

 209C2E

FFFFFF

 008111

 64D462

 006700

 81F07C

 004E00

 9EFF97

 003600

 BBFFB3

 001E00

 D9FFCF

 000000

 F7FFE8

 209C2E

 209C2E

 109C20

 309C3C

 019C12

 3F9C4A

 009C12

 4F9C58

 5E9C65

 6E9C73

 7E9C81

 8D9C8F

 9D9C9D

 AC9CAB

Harmonies

Analogous

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



7C9000



209C2E



00A26F

Triad

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



209C2E



0095FF



F44561

Complementary

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



209C2E



9C208E

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.



EA459F



209C2E



5080FD

Square

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



209C2E



00A0E5



BB62D9



DF6127

Rectangle

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



209C2E



00A39A



BB62D9



F44076

Sweetspot

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



209C2E



9BCCA1



909C20



48664C



E6E6E6



666666

Same Dimension

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



209C2E



0ACC20



209C6A



474F48



008F10



000F02

Inverse Universe

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



9C208E



CC0AB6



9C2052



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 209C2E looks on a white background.

Color Contrast Check

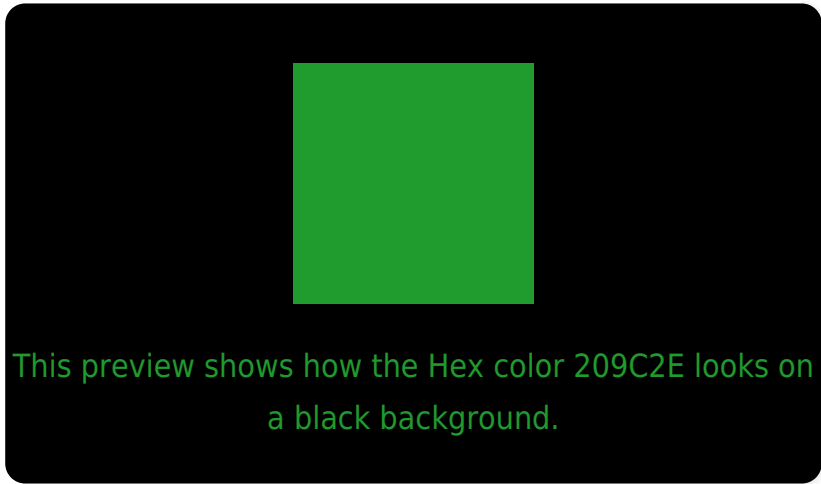
Large Text (above 18pt) WCAG AA ✓ Pass

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 209C2E Background



This preview shows how black text looks on a background with the Hex color 209C2E.



This preview shows how white text looks on a background with the Hex color 209C2E.

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
209C2E

Protanopia
968628

Deuteranopia
A78038



Tritanopia
46929D

Trichromacy



Original Color
209C2E



Protanomaly
6B8E2A



Deuteranomaly
768A34



Tritanomaly
389675

Monochromacy



Original Color
209C2E



Achromatopsia
6A6A6A



Achromatomaly
4F7C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 209C2E 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 #209C2E looks like.

```
.text, #text, p{  
    color:#209C2E  
}
```

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 #209C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209C2E
}
```

Border

The CSS property to change the border of an element to Hex 209C2E 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
#209C2E }
```

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

```
.border{ border-color:#209C2E }
```

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

Here you see how a box with a 4 pixel #209C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209C2E; -webkit-box-shadow:4px 4px  
4px 4px #209C2E; box-shadow:4px 4px 4px  
4px #209C2E }
```

Background

The CSS property to change the background color of an element to Hex 209C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209C2E }
```

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

```
.background{ background-color:#209C2E }
```

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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