

Converting Colors

Hex(259E2E)

Have a look what the booklet for
Hex(259E2E) contains.

Hex(259E2E)	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

Hex(259E2E)

Conversions

Conversions Part 1

Format	Color
Hex	259E2E
RGB	37, 158, 46
RGB Percent	15%, 62%, 18%
CMY	0.8549, 0.3804, 0.8196
CMYK	0.77, 0.00, 0.71, 0.38
HSL	124°, 62%, 38%
HSV	124°, 77%, 62%
XYZ	13.4830, 25.0443, 6.7082
YIQ	109.0530, -36.1640, -60.4840

Conversions

Conversions Part 2

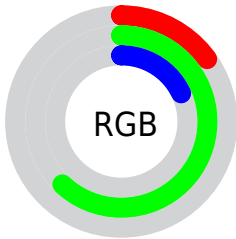
Format	Color
RYB	37, 150, 158
Decimal	2465326
CIELab	57.12, -54.40, 47.08
CIElCh	57, 71.940, 139.128
Yxy	25.0443, 0.2981, 0.5536
Android (android.graphics.Color)	4280655406 (0xFF259E2E)
YUV	109.0530, -31.0851, -63.1905
Hunter-Lab	50.0443, -39.4859, 27.0835

Details

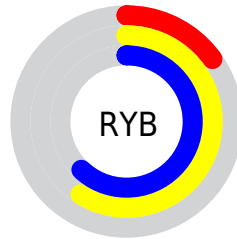
The Hex color **259E2E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9E2595**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **67D662**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **159E1F**, and if you desaturate by 10%, it is **359E3D**.

Distribution



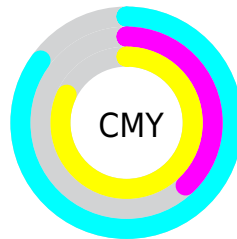
- Red (15%)
- Green (62%)
- Blue (18%)



- Red (15%)
- Yellow (59%)
- Blue (62%)



- Cyan (77%)
- Magenta (0%)
- Yellow (71%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 259E2E 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 259E2E by changing the saturation by 10% instead.



259E2E



259E2E

FFFFFF



008310



67D662



006900



84F37C



005000



A1FF97



003800



BFFF B3



002000



DCFFCF



000000



FAFFEC



259E2E



259E2E



159E1F



359E3D

■ 059E11

■ 459E4B

■ 009E0C

■ 549E5A

■ 649E68

■ 749E77

■ 849E86

■ 949E94

■ A39EA3

■ B39EB2

Harmonies

Analogous

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



7F9200



259E2E



00A46F

Triad

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



259E2E



0097FF



F74664

Complementary

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



259E2E



9E2595

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.



ED46A3



259E2E



4E82FF

Square

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



259E2E



00A2E7



BD64DC



E26229

Rectangle

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



259E2E



00A59B



BD64DC



F74279

Sweetspot

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



259E2E



9FCFA3



969E25



4B694D



E8E8E8



696969

Same Dimension

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



259E2E



11CF1F



259E6A



474F48



008F0B



000F01

Inverse Universe

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



9E2595



CF11C0



9E2559



4F474E



8F0084



0F000E

Previews

White Background



This preview shows how the Hex color 259E2E looks on a white background.

Color Contrast Check

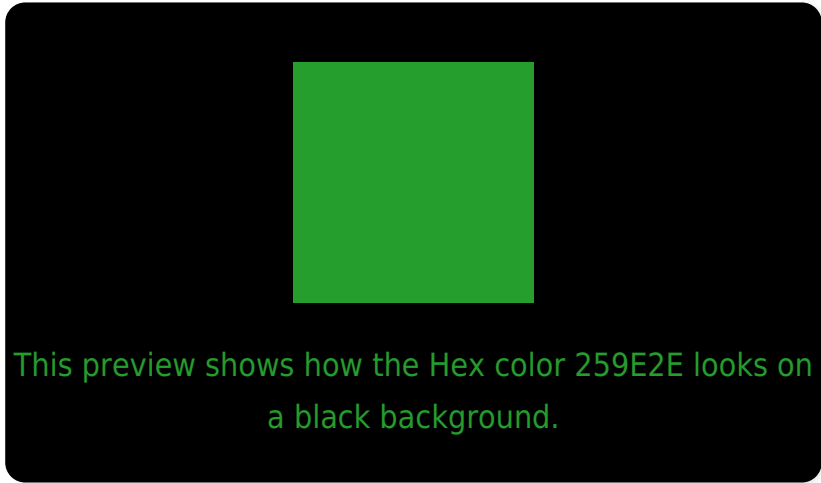
Large Text (above 18pt) WCAG AA ✓ Pass

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 259E2E Background



This preview shows how black text looks on a background with the Hex color 259E2E.



This preview shows how white text looks on a background with the Hex color 259E2E.

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
259E2E

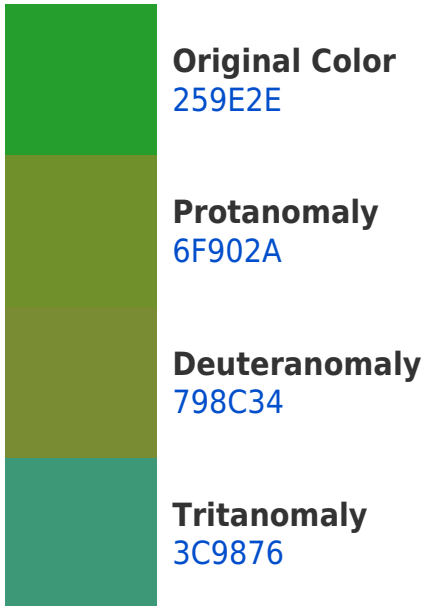
Protanopia
998828

Deuteranopia
A98138

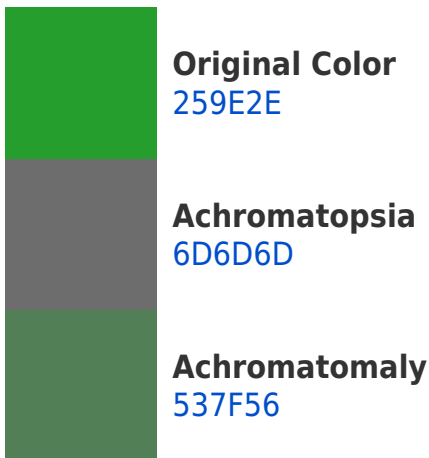


Tritanopia
49949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 259E2E 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 #259E2E looks like.

```
.text, #text, p{  
    color:#259E2E  
}
```

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 #259E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259E2E
}
```

Border

The CSS property to change the border of an element to Hex 259E2E 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
#259E2E }
```

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

```
.border{ border-color:#259E2E }
```

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

Here you see how a box with a 4 pixel #259E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259E2E; -webkit-box-shadow:4px 4px  
4px 4px #259E2E; box-shadow:4px 4px 4px  
4px #259E2E }
```

Background

The CSS property to change the background color of an element to Hex 259E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259E2E }
```

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

```
.background{ background-color:#259E2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor