

Converting Colors

Hex(2E9238)

Have a look what the booklet for
Hex(2E9238) contains.

Hex(2E9238)	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(2E9238)

Conversions

Conversions Part 1

Format	Color
Hex	2E9238
RGB	46, 146, 56
RGB Percent	18%, 57%, 22%
CMY	0.8196, 0.4275, 0.7804
CMYK	0.68, 0.00, 0.62, 0.43
HSL	126°, 52%, 38%
HSV	126°, 68%, 57%
XYZ	12.1194, 21.4241, 7.2379
YIQ	105.8400, -30.7100, -49.1900

Conversions

Conversions Part 2

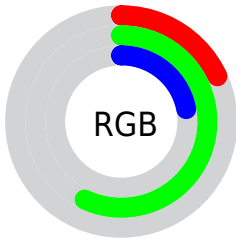
Format	Color
RYB	46, 137, 146
Decimal	3052088
CIELab	53.41, -47.52, 38.66
CIELCh	53, 61.258, 140.874
Yxy	21.4241, 0.2972, 0.5253
Android (android.graphics.Color)	4281242168 (0xFF2E9238)
YUV	105.8400, -24.5711, -52.4797
Hunter-Lab	46.2862, -34.2631, 23.1290

Details

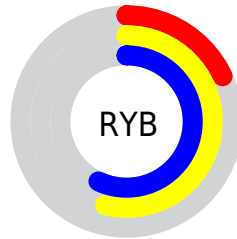
The Hex color **2E9238** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922E88**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **69C96A**, and **005E02** is the 20% darker color. If you saturate the color by 10%, you get **1F922B**, and if you desaturate by 10%, it is **3D9245**.

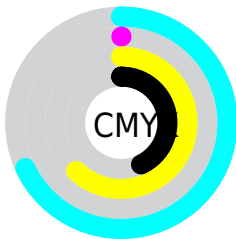
Distribution



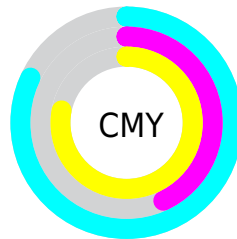
- Red (18%)
- Green (57%)
- Blue (22%)



- Red (18%)
- Yellow (54%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (62%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9238 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 2E9238 by changing the saturation by 10% instead.

 2E9238

 2E9238

FFFFFF

 00781F

 69C96A

 005E02

 85E584

 004500

 A2FF9F

 002F00

 BFFFBA

 001400

 DCFFD7

 000000

 F9FFF3

 2E9238

 2E9238

 1F922B

 3D9245

■ 11921E

■ 4B9252

■ 029211

■ 5A925F

■ 00920F

■ 68926D

■ 77927A

■ 869287

■ 949294

■ A392A1

■ B192AE

Harmonies

Analogous

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



768801



2E9238



00976D

Triad

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



2E9238



008BE8



DD4D5D

Complementary

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



2E9238



922E88

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.



D64C92



2E9238



5D78E3

Square

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



2E9238



0094D1



AF60C3



CB612D

Rectangle

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



2E9238



009892



AF60C3



DE496F

Sweetspot

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



2E9238



95BD99



88922E



475E49



DEDEDE



5E5E5E

Same Dimension

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



2E9238



22BD31



2E926A



434A43



008A0E



000A01

Inverse Universe

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



922E88



BD22AD



922E56



4A4349



8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 2E9238 looks on a white background.

Color Contrast Check

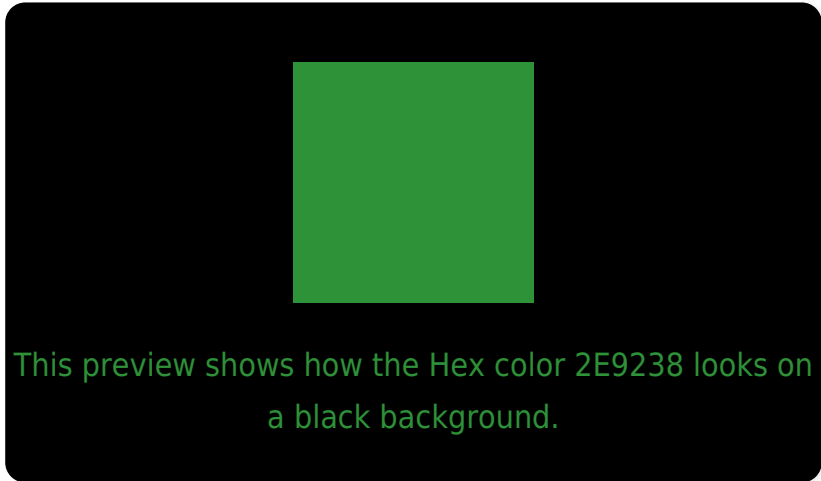
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9238 Background



This preview shows how black text looks on a background with the Hex color 2E9238.



This preview shows how white text looks on a background with the Hex color 2E9238.

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
2E9238

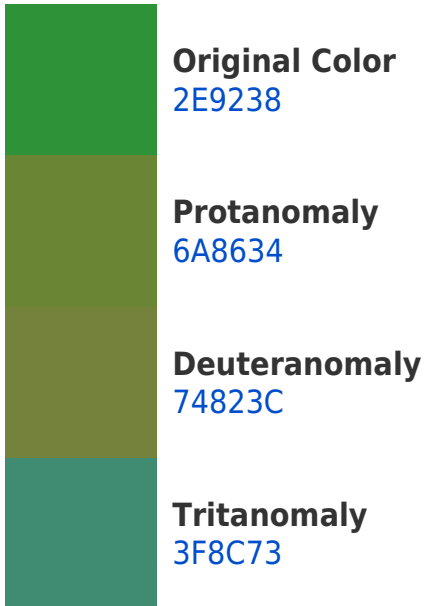
Protanopia
8D7F32

Deuteranopia
9C793F

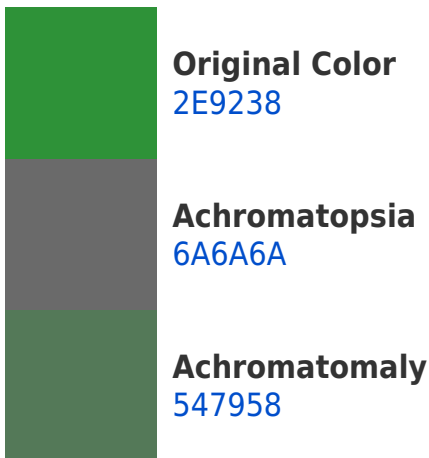


Tritanopia
488994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9238 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 #2E9238 looks like.

```
.text, #text, p{  
    color:#2E9238  
}
```

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 #2E9238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9238
}
```

Border

The CSS property to change the border of an element to Hex 2E9238 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
#2E9238 }
```

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

```
.border{ border-color:#2E9238 }
```

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

Here you see how a box with a 4 pixel #2E9238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9238; -webkit-box-shadow:4px 4px  
4px 4px #2E9238; box-shadow:4px 4px 4px  
4px #2E9238 }
```

Background

The CSS property to change the background color of an element to Hex 2E9238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9238 }
```

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

```
.background{ background-color:#2E9238 }
```

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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