

Converting Colors

Hex(2E9E22)

Have a look what the booklet for
Hex(2E9E22) contains.

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Color

Hex(2E9E22)

Conversions

Conversions Part 1

Format	Color
Hex	2E9E22
RGB	46, 158, 34
RGB Percent	18%, 62%, 13%
CMY	0.8196, 0.3804, 0.8667
CMYK	0.71, 0.00, 0.78, 0.38
HSL	114°, 65%, 38%
HSV	114°, 78%, 62%
XYZ	13.6423, 25.1501, 5.6488
YIQ	110.3760, -26.9480, -62.3080

Conversions

Conversions Part 2

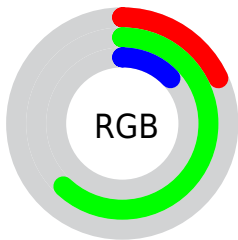
Format	Color
R_{YB}	34, 158, 146
Decimal	3055138
CIE _{Lab}	57.22, -53.82, 51.65
CIE _{LCh}	57, 74.595, 136.178
Yxy	25.1501, 0.3070, 0.5659
Android (android.graphics.Color)	4281245218 (0xFF2E9E22)
YUV	110.3760, -37.6534, -56.4578
Hunter-Lab	50.1498, -39.2047, 28.4266

Details

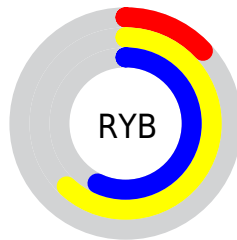
The Hex color **2E9E22** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **92229E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6DD658**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **209E12**, and if you desaturate by 10%, it is **3C9E32**.

Distribution



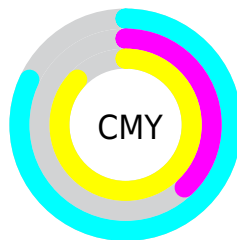
- Red (18%)
- Green (62%)
- Blue (13%)



- Red (13%)
- Yellow (62%)
- Blue (57%)



- Cyan (71%)
- Magenta (0%)
- Yellow (78%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9E22 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 2E9E22 by changing the saturation by 10% instead.



2E9E22



2E9E22

FFFFFF



008300



6DD658



006900



8AF373



005000



A7FF8E



003800



C4FFAA



002100



E2FFC6



000000



FFFFE2



2E9E22



2E9E22



209E12



3C9E32

■ 119E02

■ 4B9E42

■ 0F9E00

■ 599E51

■ 679E61

■ 759E71

■ 849E81

■ 929E91

■ A09EA0

■ AE9EB0

Harmonies

Analogous

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



859100



2E9E22



00A468

Triad

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



2E9E22



009AFF



FB4069

Complementary

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



2E9E22



92229E

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.



ED44AA



2E9E22



2C85FF

Square

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



2E9E22



00A4E7



B766E5



E85D2B

Rectangle

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



2E9E22



00A696



B766E5



FB3C7F

Sweetspot

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



2E9E22



A2CF9D



9E9222



4D694A



E8E8E8



696969

Same Dimension

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



2E9E22



1FCF0C



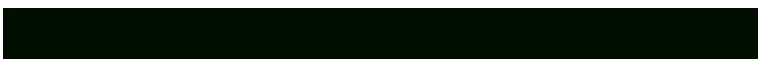
229E54



484F47



0E8F00



010F00

Inverse Universe

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



92229E



BC0CCF



9E226C



4E474F



81008F



0E000F

Previews

White Background



This preview shows how the Hex color 2E9E22 looks on a white background.

Color Contrast Check

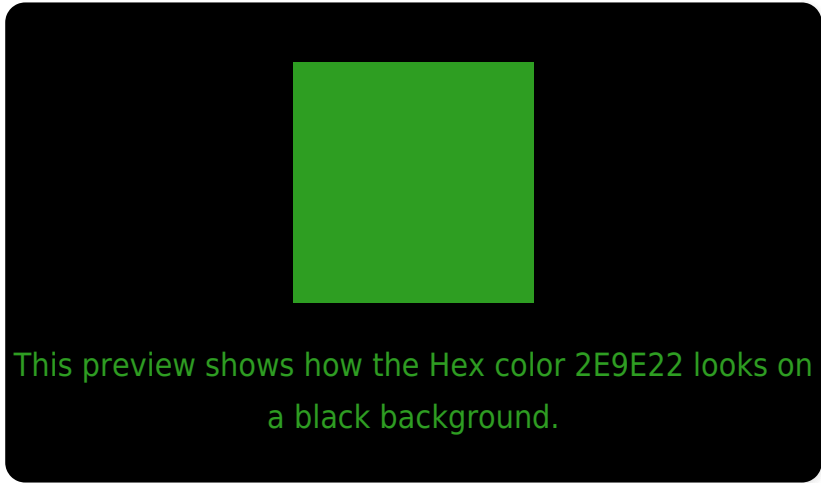
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9E22 Background



This preview shows how black text looks on a background with the Hex color 2E9E22.



This preview shows how white text looks on a background with the Hex color 2E9E22.

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](#).

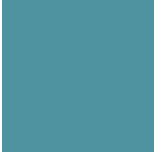
Dichromacy



Original Color
2E9E22

Protanopia
99891D

Deuteranopia
AA822F



Tritanopia
4E939F

Trichromacy



Original Color
2E9E22



Protanomaly
72911F



Deuteranomaly
7D8C2A



Tritanomaly
429772

Monochromacy



Original Color
2E9E22



Achromatopsia
6E6E6E



Achromatomaly
577F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9E22 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 #2E9E22 looks like.

```
.text, #text, p{  
    color:#2E9E22  
}
```

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 #2E9E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9E22
}
```

Border

The CSS property to change the border of an element to Hex 2E9E22 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
#2E9E22 }
```

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

```
.border{ border-color:#2E9E22 }
```

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

Here you see how a box with a 4 pixel #2E9E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9E22; -webkit-box-shadow:4px 4px  
4px 4px #2E9E22; box-shadow:4px 4px 4px  
4px #2E9E22 }
```

Background

The CSS property to change the background color of an element to Hex 2E9E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9E22 }
```

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

```
.background{ background-color:#2E9E22 }
```

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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