

Converting Colors

Hex(2E9405)

Have a look what the booklet for
Hex(2E9405) contains.

Hex(2E9405)	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(2E9405)

Conversions

Conversions Part 1

Format	Color
Hex	2E9405
RGB	46, 148, 5
RGB Percent	18%, 58%, 2%
CMY	0.8196, 0.4196, 0.9804
CMYK	0.69, 0.00, 0.97, 0.42
HSL	103°, 93%, 30%
HSV	103°, 97%, 58%
XYZ	11.7440, 21.7716, 3.7269
YIQ	101.2000, -14.8890, -66.0970

Conversions

Conversions Part 2

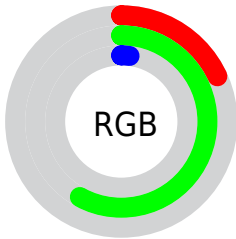
Format	Color
RYB	5, 148, 107
Decimal	3052549
CIELab	53.78, -51.76, 55.38
CIELCh	54, 75.800, 133.063
Yxy	21.7716, 0.3153, 0.5846
Android (android.graphics.Color)	4281242629 (0xFF2E9405)
YUV	101.2000, -47.4266, -48.4104
Hunter-Lab	46.6601, -36.7279, 27.9263

Details

The Hex color **2E9405** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6B0594**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6CCB47**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **2A9400**, and if you desaturate by 10%, it is **399414**.

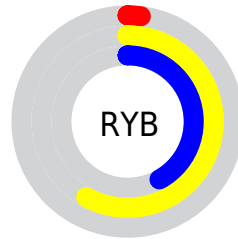
Distribution



Red (18%)

Green (58%)

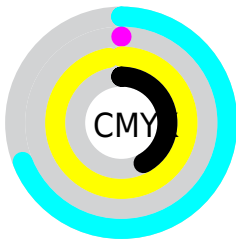
Blue (2%)



Red (2%)

Yellow (58%)

Blue (42%)

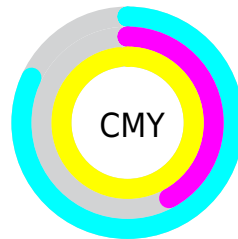


Cyan (69%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (82%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9405 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 2E9405 by changing the saturation by 10% instead.



2E9405



2E9405

FFFFFF



007A00



6CCB47



006000



89E862



004700



A5FF7D



003000



C3FF98



001600



E0FFB4



000000



FEFFD0



FFFFED



2E9405



2E9405

■ 2A9400

■ 399414

■ 439423

■ 4E9431

■ 589440

■ 63944F

■ 6D945E

■ 78946D

■ 82947B

■ 8D948A

Harmonies

Analogous

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



818700



2E9405



009B58

Triad

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



2E9405



0092FF



F22E67

Complementary

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



2E9405



6B0594

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.



E139A8



2E9405



007FFF

Square

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



2E9405



009BD9



A560E1



E24F28

Rectangle

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



2E9405



009D86



A560E1



F02B7D

Sweetspot

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



2E9405



98BF88



946905



49613F



E0E0E0



616161

Same Dimension

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



2E9405



37BF00



059422



454A43



278A00



030A00

Inverse Universe

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



6B0594



8800BF



940577



48434A



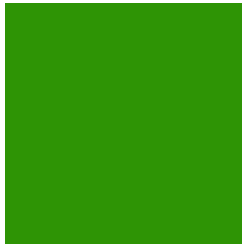
62008A



07000A

Previews

White Background



This preview shows how the Hex color 2E9405 looks on a white background.

Color Contrast Check

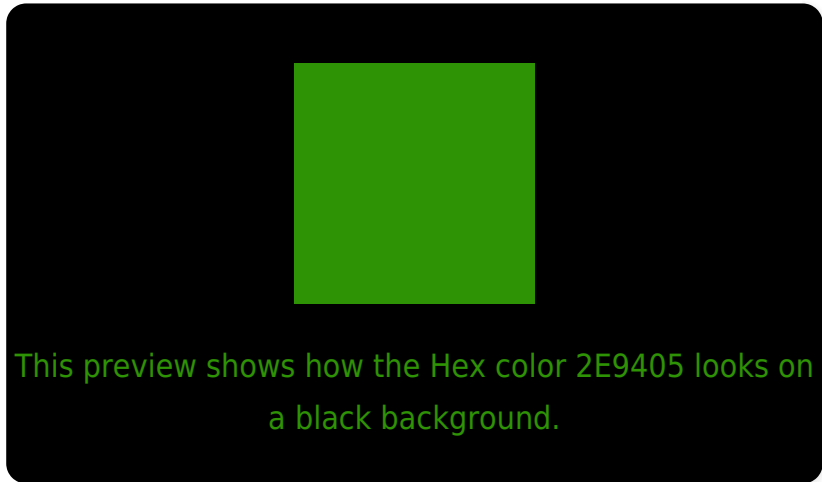
Large Text (above 18pt) WCAG AA ✓ Pass

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

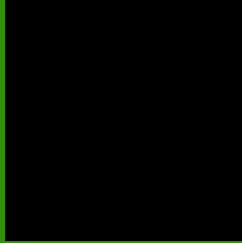
Any Text WCAG AA ✓ Pass

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 2E9405 Background



This preview shows how black text looks on a background with the Hex color 2E9405.



This preview shows how white text looks on a background with the Hex color 2E9405.

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
2E9405

Protanopia
908000

Deuteranopia
A17920



Tritanopia
4B8A95

Trichromacy



Original Color
2E9405



Protanomaly
6C8702



Deuteranomaly
778316



Tritanomaly
408E61

Monochromacy



Original Color
2E9405



Achromatopsia
656565



Achromatomaly
517642

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9405 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 #2E9405 looks like.

```
.text, #text, p{  
    color:#2E9405  
}
```

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 #2E9405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9405
}
```

Border

The CSS property to change the border of an element to Hex 2E9405 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
#2E9405 }
```

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

```
.border{ border-color:#2E9405 }
```

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

Here you see how a box with a 4 pixel #2E9405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9405; -webkit-box-shadow:4px 4px  
4px 4px #2E9405; box-shadow:4px 4px 4px  
4px #2E9405 }
```

Background

The CSS property to change the background color of an element to Hex 2E9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9405 }
```

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

```
.background{ background-color:#2E9405 }
```

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