

# Converting Colors

Hex(E2971B)

Have a look what the booklet for  
Hex(E2971B) contains.

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**Color**

**Hex(E2971B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2971B
RGB	226, 151, 27
RGB Percent	89%, 59%, 11%
CMY	0.1137, 0.4078, 0.8941
CMYK	0.00, 0.33, 0.88, 0.11
HSL	37°, 79%, 50%
HSV	37°, 88%, 89%
XYZ	42.6285, 38.3811, 6.1984
YIQ	159.2890, 84.5040, -22.6640

# Conversions

## Conversions Part 2

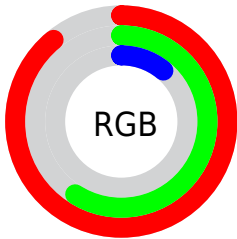
Format	Color
<a href="#">RYB</a>	<a href="#">147, 226, 27</a>
Decimal	<a href="#">14849819</a>
CIELab	<a href="#">68.30, 19.36, 68.41</a>
CIELCh	<a href="#">68, 71.096, 74.195</a>
Yxy	<a href="#">38.3811, 0.4888, 0.4401</a>
Android (android.graphics.Color)	<a href="#">4293039899</a> ( <a href="#">0xFFE2971B</a> )
YUV	<a href="#">159.2890, -65.2185, 58.5055</a>
Hunter-Lab	<a href="#">61.9525, 14.4060, 37.4347</a>

# Details

The Hex color **E2971B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1B66E2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCD57**, and **A56400** is the 20% darker color. If you saturate the color by 10%, you get **E28E04**, and if you desaturate by 10%, it is **E2A032**.

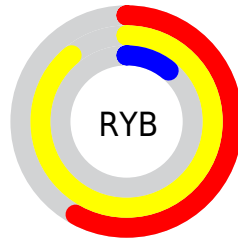
# Distribution



Red (89%)

Green (59%)

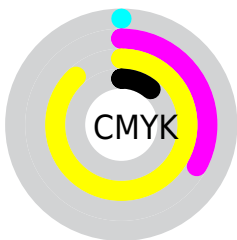
Blue (11%)



Red (58%)

Yellow (89%)

Blue (11%)

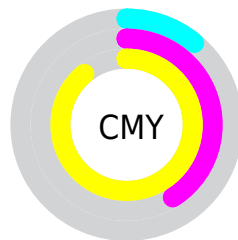


Cyan (0%)

Magenta (33%)

Yellow (88%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2971B 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 E2971B by changing the saturation by 10% instead.



 E2971B

 E2971B

FFFFFF

 C37D00

 FFCD57

 A56400

 FFE972

 874C00

 FFFF8D

 6A3500

 FFFFA9

 4E1F00

 FFFFC6

 330A00

 FFFF E3

 190001

 000000

 E2971B

 E2971B

 E28E04

 E2A032

 E28D00

 E2A848

 E2B15F

 E2B975

 E2C28C

 E2CAA3

 E2D3B9

 E2DBD0

 E2E4E6

# Harmonies

## Analogous

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



FF7C4F



E2971B



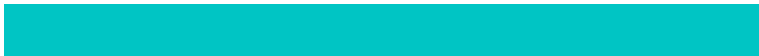
AAAD0B

# Triad

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



E2971B



00C5C4



D087FF

# Complementary

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



E2971B



1B66E2

# 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.



5AA3FF



E2971B



00C2FF

# Square

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



E2971B



00C281



00B7FF



FF6DCB

# Rectangle

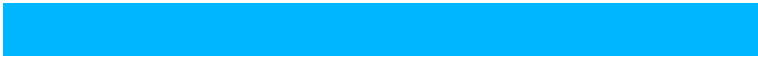
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2971B



7BB730



00B7FF



B391FF

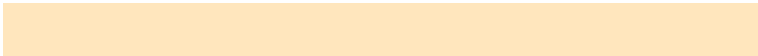


# Sweetspot

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



E2971B



FFE6BD



E21B67



807158



000000



808080



# Same Dimension

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



E2971B



FF9F00



CBE21B



706C65



B06E00



301E00



# Inverse Universe

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



1B66E2



0060FF



321BE2



656970



0042B0



001230



# Previews

## White Background



This preview shows how the Hex color E2971B looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2971B Background



This preview shows how black text looks on a background with the Hex color E2971B.



This preview shows how white text looks on a background with the Hex color E2971B.

# 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**  
E2971B

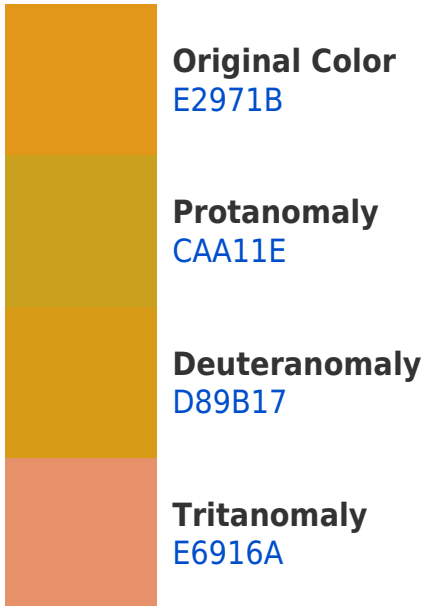
**Protanopia**  
BCA720

**Deuteranopia**  
D39E15

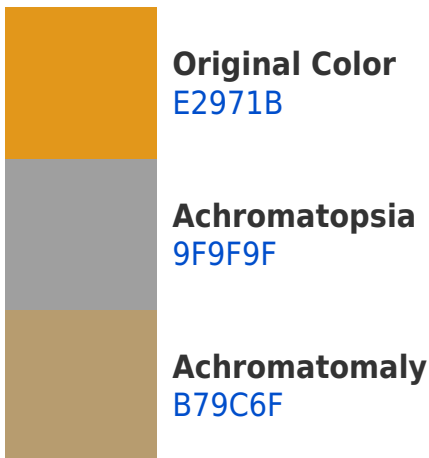


**Tritanopia**  
E88D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2971B 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 #E2971B looks like.

```
.text, #text, p{  
    color:#E2971B  
}
```

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 #E2971B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2971B
}
```

## Border

The CSS property to change the border of an element to Hex E2971B 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
#E2971B }
```

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

```
.border{ border-color:#E2971B }
```

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

Here you see how a box with a 4 pixel #E2971B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2971B; -webkit-box-shadow:4px 4px  
4px 4px #E2971B; box-shadow:4px 4px 4px  
4px #E2971B }
```

# Background

The CSS property to change the background color of an element to Hex E2971B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2971B }
```

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

```
.background{ background-color:#E2971B }
```

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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