

Converting Colors

Hex(2949FF)

Have a look what the booklet for
Hex(2949FF) contains.

Hex(2949FF)	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>	28

Color

Hex(2949FF)

Conversions

Conversions Part 1

Format	Color
Hex	2949FF
RGB	41, 73, 255
RGB Percent	16%, 29%, 100%
CMY	0.8392, 0.7137, 0.0000
CMYK	0.84, 0.71, 0.00, 0.00
HSL	231°, 100%, 58%
HSV	231°, 84%, 100%
XYZ	21.3470, 12.4565, 95.8870
YIQ	84.1800, -77.4940, 49.8180

Conversions

Conversions Part 2

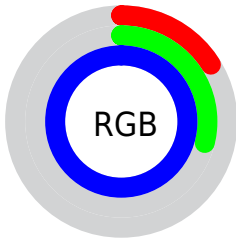
Format	Color
RYB	41, 69, 255
Decimal	2705919
CIELab	41.93, 54.22, -91.82
CIElCh	42, 106.632, 300.561
Yxy	12.4565, 0.1646, 0.0960
Android (android.graphics.Color)	4280895999 (0xFF2949FF)
YUV	84.1800, 84.2143, -37.8689
Hunter-Lab	35.2938, 46.1994, -136.3749

Details

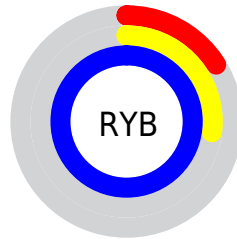
The Hex color **2949FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFDF29**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7F7BFF**, and **001CC5** is the 20% darker color. If you saturate the color by 10%, you get **1033FF**, and if you desaturate by 10%, it is **425FFF**.

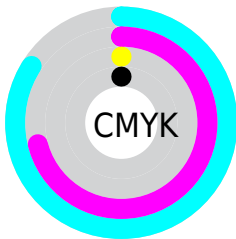
Distribution



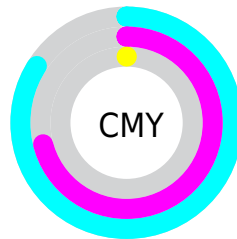
- Red (16%)
- Green (29%)
- Blue (100%)



- Red (16%)
- Yellow (27%)
- Blue (100%)



- Cyan (84%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2949FF 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 2949FF by changing the saturation by 10% instead.

 2949FF

 2949FF

FFFFFF

 0032E2

 7F7BFF

 001CC5

 A195FF

 0008A8

 C1B0FF

 00008D

 E2CBFF

 000772

 FFE8FF

 000D59

 000740

 000329

 000113

 2949FF

 2949FF

 1033FF

 425FFF

 0026FF

 5C74FF

 768AFF

 8FA0FF

 A9B5FF

 C2CBFF

 DCE1FF

 F5F6FF

FFFFFF

Harmonies

Analogous

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



0072FF



2949FF



C500BB

Triad

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



2949FF



B93100



008163

Complementary

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



2949FF



FFDF29

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.



007D00



2949FF



786100

Square

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



2949FF



E50010



007500



0083BC

Rectangle

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



2949FF



E70083



007500



008043

Sweetspot

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



2949FF



BFC9FF



29FFDF



595F80



000000



808080

Same Dimension

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



2949FF



0026FF



7429FF



737580



001DBF



000A40

Inverse Universe

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



FF2949



FF0026



B4FF29



807375



BF001D



40000A

Previews

White Background



This preview shows how the Hex color 2949FF looks on a white background.

Color Contrast Check

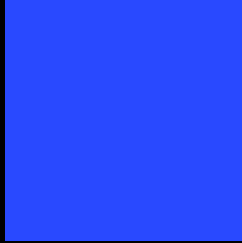
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2949FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

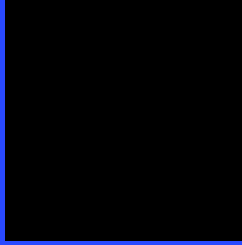
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2949FF Background



This preview shows how black text looks on a background with the Hex color 2949FF.

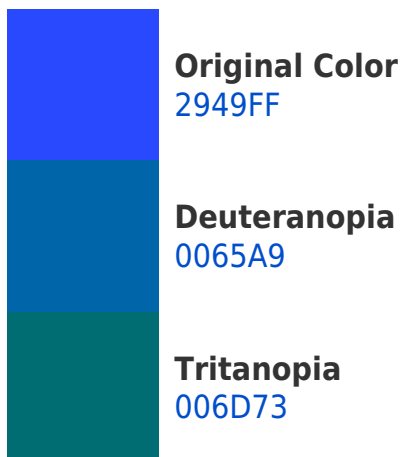


This preview shows how white text looks on a background with the Hex color 2949FF.

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



Trichromacy



Original Color
2949FF

Deuteranomaly
0F5BC8

Tritanomaly
0F60A6

Monochromacy



Original Color
2949FF

Achromatopsia
545454

Achromatomaly
445092

CSS Examples

Text

The CSS property to change the color of the text to Hex 2949FF 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 #2949FF looks like.

```
.text, #text, p{  
    color:#2949FF  
}
```

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 #2949FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2949FF
}
```

Border

The CSS property to change the border of an element to Hex 2949FF 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".

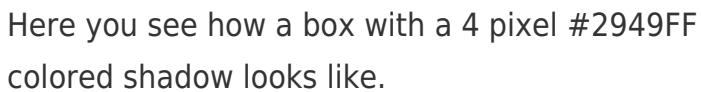
```
.border, #border, table{ border:4px solid
#2949FF }
```

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

```
.border{ border-color:#2949FF }
```

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

Here you see how a box with a 4 pixel #2949FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2949FF; -webkit-box-shadow:4px 4px  
4px 4px #2949FF; box-shadow:4px 4px 4px  
4px #2949FF }
```

Background

The CSS property to change the background color of an element to Hex 2949FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2949FF }
```

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

```
.background{ background-color:#2949FF }
```

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