

Converting Colors

Hex(1249FF)

Have a look what the booklet for
Hex(1249FF) contains.

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Color

Hex(1249FF)

Conversions

Conversions Part 1

Format	Color
Hex	1249FF
RGB	18, 73, 255
RGB Percent	7%, 29%, 100%
CMY	0.9294, 0.7137, 0.0000
CMYK	0.93, 0.71, 0.00, 0.00
HSL	226°, 100%, 54%
HSV	226°, 93%, 100%
XYZ	20.6820, 12.1137, 95.8559
YIQ	77.3030, -91.2020, 44.9420

Conversions

Conversions Part 2

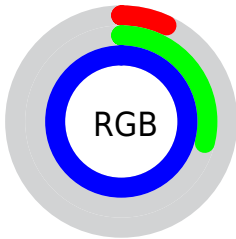
Format	Color
R _Y B	18, 63, 255
Decimal	1198591
CIE Lab	41.40, 53.34, -92.72
CIE LCh	41, 106.971, 299.910
Yxy	12.1137, 0.1608, 0.0942
Android (android.graphics.Color)	4279388671 (0xFF1249FF)
YUV	77.3030, 87.6046, -52.0087
Hunter-Lab	34.8047, 45.1617, -138.9276

Details

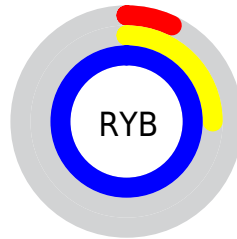
The Hex color **1249FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFC812**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **777AFF**, and **001DC5** is the 20% darker color. If you saturate the color by 10%, you get **003BFF**, and if you desaturate by 10%, it is **2C5DFF**.

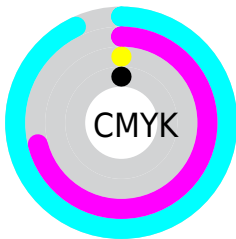
Distribution



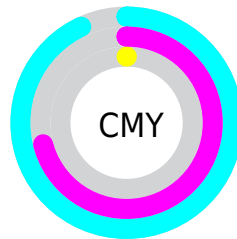
- Red (7%)
- Green (29%)
- Blue (100%)



- Red (7%)
- Yellow (25%)
- Blue (100%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1249FF 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 1249FF by changing the saturation by 10% instead.

 1249FF

 1249FF

FFFFFF

 0032E2

 777AFF

 001DC5

 9A94FF

 000AA8

 BBAFFF

 00008D

 DCCBFF

 000972

 FCE7FF

 000D59

 000740

 000329

 000113

 1249FF

 1249FF

 003BFF

 2C5DFF

 4570FF

 5F84FF

 7897FF

 92ABFF

 ABBEFF

 C5D2FF

 DEE6FF

 F8F9FF

Harmonies

Analogous

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



0071FF



1249FF



C200BC

Triad

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



1249FF



B92D00



007F5F

Complementary

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



1249FF



FFC812

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.



007C00



1249FF



785F00

Square

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



1249FF



E40011



007400



0081B9

Rectangle

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



1249FF



E50083



007400



007E40

Sweetspot

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



1249FF



B8C8FF



12FFC8



545E80



000000



808080

Same Dimension

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



1249FF



003BFF



5112FF



737680



002CBF



000F40

Inverse Universe

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



FF1249



FF003B



C0FF12



807376



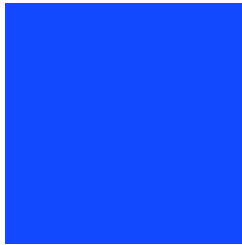
BF002C



40000F

Previews

White Background



This preview shows how the Hex color 1249FF 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 1249FF 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 1249FF Background



This preview shows how black text looks on a background with the Hex color 1249FF.

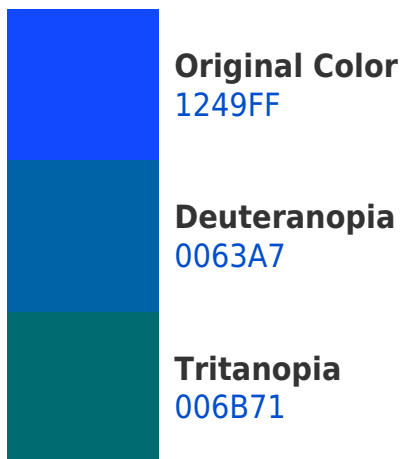


This preview shows how white text looks on a background with the Hex color 1249FF.

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
1249FF

Deuteranomaly
075AC7

Tritanomaly
075FA5

Monochromacy



Original Color
1249FF

Achromatopsia
4D4D4D

Achromatomaly
384C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1249FF 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 #1249FF looks like.

```
.text, #text, p{  
    color:#1249FF  
}
```

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 #1249FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1249FF
}
```

Border

The CSS property to change the border of an element to Hex 1249FF 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
#1249FF }
```

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

```
.border{ border-color:#1249FF }
```

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

Here you see how a box with a 4 pixel #1249FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1249FF; -webkit-box-shadow:4px 4px  
4px 4px #1249FF; box-shadow:4px 4px 4px  
4px #1249FF }
```

Background

The CSS property to change the background color of an element to Hex 1249FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1249FF }
```

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

```
.background{ background-color:#1249FF }
```

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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