

Converting Colors

Hex(4951FF)

Have a look what the booklet for
Hex(4951FF) contains.

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Color

Hex(4951FF)

Conversions

Conversions Part 1

Format	Color
Hex	4951FF
RGB	73, 81, 255
RGB Percent	29%, 32%, 100%
CMY	0.7137, 0.6824, 0.0000
CMYK	0.71, 0.68, 0.00, 0.00
HSL	237°, 100%, 64%
HSV	237°, 71%, 100%
XYZ	23.7401, 14.5213, 96.1594
YIQ	98.4440, -60.6220, 52.4180

Conversions

Conversions Part 2

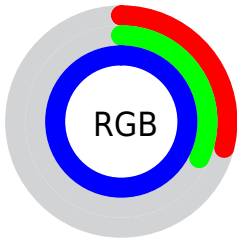
Format	Color
R_{YB}	73, 81, 255
Decimal	4805119
CIE _{Lab}	44.97, 52.08, -86.76
CIE _{LCh}	45, 101.190, 300.973
Yxy	14.5213, 0.1766, 0.1080
Android (android.graphics.Color)	4282995199 (0xFF4951FF)
YUV	98.4440, 77.1821, -22.3144
Hunter-Lab	38.1069, 44.5162, -122.9384

Details

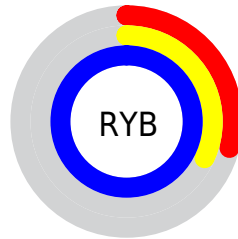
The Hex color **4951FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FFF749**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9083FF**, and **0023C5** is the 20% darker color. If you saturate the color by 10%, you get **3039FF**, and if you desaturate by 10%, it is **6269FF**.

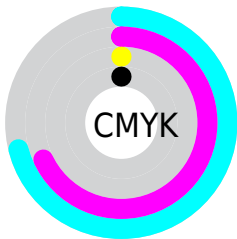
Distribution



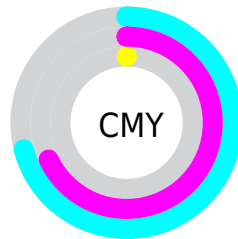
- Red (29%)
- Green (32%)
- Blue (100%)



- Red (29%)
- Yellow (32%)
- Blue (100%)



- Cyan (71%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4951FF 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 4951FF by changing the saturation by 10% instead.

 4951FF

 4951FF

FFFFFF

 0939E2

 9083FF

 0023C5

 B19EFF

 000DA9

 D0B9FF

 00008D

 F0D5FF

 000073

 FFF1FF

 000D59

 000740

 000329

 000113

■ 4951FF

■ 4951FF

■ 3039FF

■ 6269FF

■ 1620FF

■ 7C82FF

■ 000BFF

■ 959AFF

■ AFB3FF

■ C9CBFF

■ E2E3FF

■ FBFCFF

FFFFFF

Harmonies

Analogous

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



0077FF



4951FF



CB00BE

Triad

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



4951FF



C03E00



00886B

Complementary

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



4951FF



FFF749

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.



008500



4951FF



806900

Square

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



4951FF



EA0019



157D00



008AC1

Rectangle

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



4951FF



EB0088



157D00



00884D

Sweetspot

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



4951FF



C9CCFF



49FFF6



606180



000000



808080

Same Dimension

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



4951FF



242DFF



9B49FF



737380



0008BF



000340

Inverse Universe

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



FF4951



FF242D



ADFF49



807373



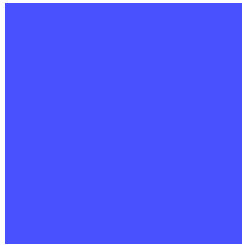
BF0008



400003

Previews

White Background



This preview shows how the Hex color 4951FF looks on a white background.

Color Contrast Check

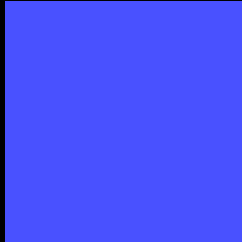
Large Text (above 18pt) WCAG AA ✓ Pass

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 4951FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

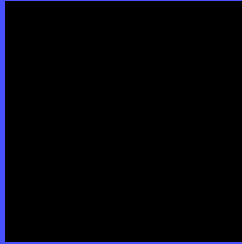
Any Text WCAG AA × Fail

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 4951FF Background



This preview shows how black text looks on a background with the Hex color 4951FF.

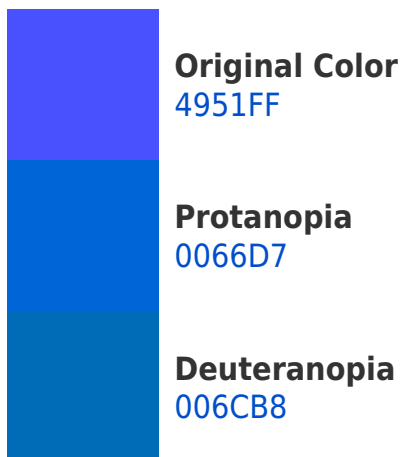


This preview shows how white text looks on a background with the Hex color 4951FF.

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](#).

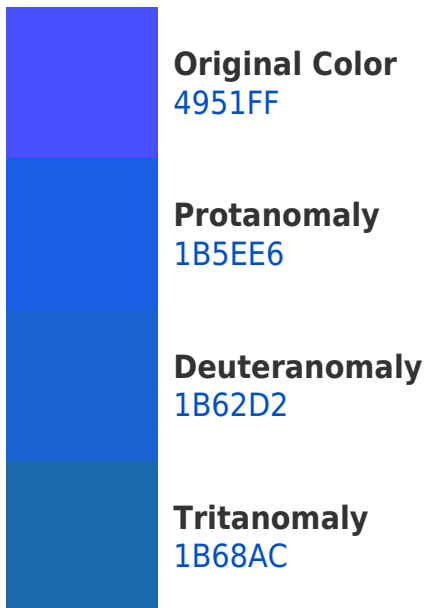
Dichromacy



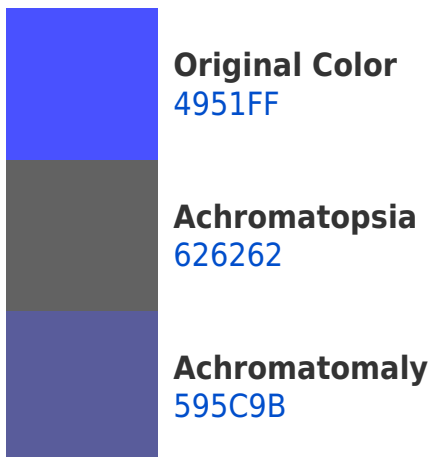


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4951FF 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 #4951FF looks like.

```
.text, #text, p{  
    color:#4951FF  
}
```

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 #4951FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4951FF
}
```

Border

The CSS property to change the border of an element to Hex 4951FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

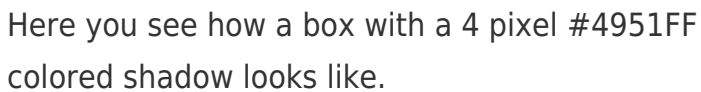
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4951FF }
```

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

```
.border{ border-color:#4951FF }
```

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



Here you see how a box with a 4 pixel #4951FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4951FF; -webkit-box-shadow:4px 4px  
4px 4px #4951FF; box-shadow:4px 4px 4px  
4px #4951FF }
```

Background

The CSS property to change the background color of an element to Hex 4951FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4951FF }
```

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

```
.background{ background-color:#4951FF }
```

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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