

# Converting Colors

Hex(4951E9)

Have a look what the booklet for  
Hex(4951E9) contains.

<b>Hex(4951E9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(4951E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4951E9
RGB	73, 81, 233
RGB Percent	29%, 32%, 91%
CMY	0.7137, 0.6824, 0.0863
CMYK	0.69, 0.65, 0.00, 0.09
HSL	237°, 78%, 60%
HSV	237°, 69%, 91%
XYZ	20.3981, 13.1845, 78.5606
YIQ	95.9360, -53.5600, 45.5760

# Conversions

## Conversions Part 2

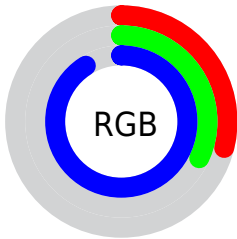
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 81, 233
Decimal	4805097
CIE Lab	43.04, 44.87, -77.59
CIE LCh	43, 89.630, 300.043
Yxy	13.1845, 0.1819, 0.1176
Android (android.graphics.Color)	4282995177 (0xFF4951E9)
YUV	95.9360, 67.5726, -20.1149
Hunter-Lab	36.3105, 36.7322, -102.8612

# Details

The Hex color **4951E9** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **E9E149**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8C83FF**, and **0024B0** is the 20% darker color. If you saturate the color by 10%, you get **323BE9**, and if you desaturate by 10%, it is **6067E9**.

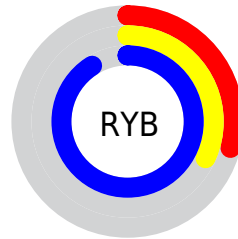
# Distribution



Red (29%)

Green (32%)

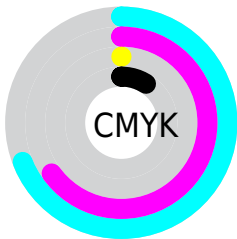
Blue (91%)



Red (29%)

Yellow (32%)

Blue (91%)

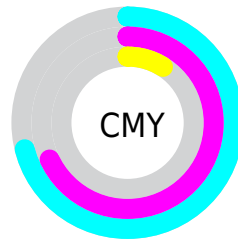


Cyan (69%)

Magenta (65%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (68%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4951E9 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 4951E9 by changing the saturation by 10% instead.



 4951E9

 4951E9

FFFFFF

 183ACC

 8C83FF

 0024B0

 AB9DFF

 000F94

 CAB8FF

 00007A

 E9D4FF

 000360

 FFF0FF

 000847

 000430

 00011A

 000000

■ 4951E9

■ 4951E9

■ 323BE9

■ 6067E9

■ 1A25E9

■ 787DE9

■ 030FE9

■ 8F93E9

■ 000CE9

■ A6AAE9

■ BEC0E9

■ D5D6E9

■ ECECE9

■ FFFFE9

# Harmonies

## Analogous

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



0071FE



4951E9



B900B1

# Triad

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



4951E9



B43F00



008164

# Complementary

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



4951E9



E9E149

# 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.



007E07



4951E9



7C6300

# Square

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



4951E9



D80021



2B7500



0082AF

# Rectangle

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



4951E9



D70082



2B7500



008049



# Sweetspot

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



4951E9



C9CCFF



49E9E1



606180



000000



808080



# Same Dimension

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



4951E9



2E38FF



9149E9



6A6A75



0009B5



000336



# Inverse Universe

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



E94951



FF2E38



A1E949



756A6A



B50009

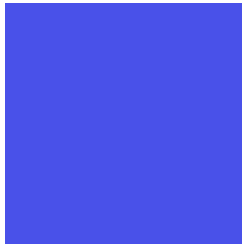


360003



# Previews

## White Background



This preview shows how the Hex color 4951E9 looks on a white background.

## Color Contrast Check

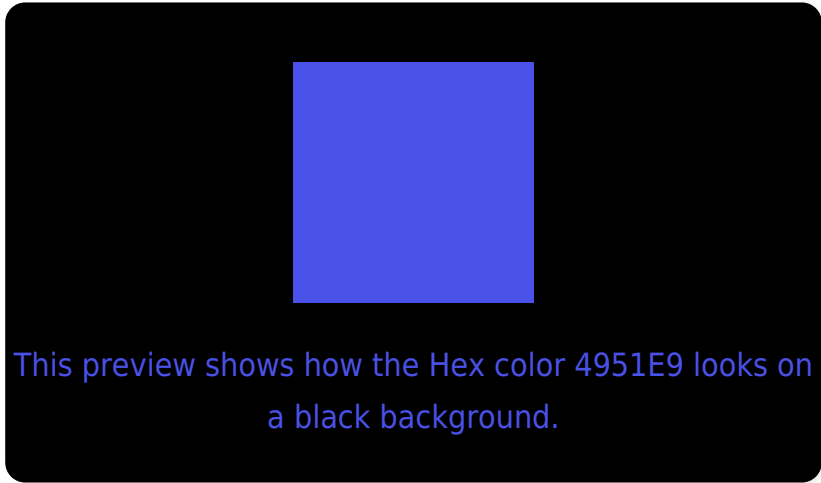
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

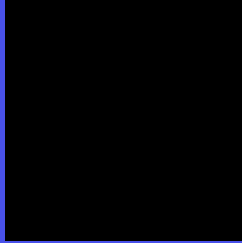
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4951E9 Background



This preview shows how black text looks on a background with the Hex color 4951E9.



This preview shows how white text looks on a background with the Hex color 4951E9.

# 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**  
4951E9

**Protanomaly**  
1B5BD8

**Deuteranomaly**  
1B60C5

# Monochromacy



**Original Color**  
4951E9

**Achromatopsia**  
606060

**Achromatomaly**  
585B92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4951E9 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 #4951E9 looks like.

```
.text, #text, p{  
    color:#4951E9  
}
```

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 #4951E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4951E9
}
```

## Border

The CSS property to change the border of an element to Hex 4951E9 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
#4951E9 }
```

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

```
.border{ border-color:#4951E9 }
```

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

Here you see how a box with a 4 pixel #4951E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4951E9; -webkit-box-shadow:4px 4px  
4px 4px #4951E9; box-shadow:4px 4px 4px  
4px #4951E9 }
```

# Background

The CSS property to change the background color of an element to Hex 4951E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4951E9 }
```

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

```
.background{ background-color:#4951E9 }
```

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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