

Converting Colors

Hex(9538F1)

Have a look what the booklet for
Hex(9538F1) contains.

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Color

Hex(9538F1)

Conversions

Conversions Part 1

Format	Color
Hex	9538F1
RGB	149, 56, 241
RGB Percent	58%, 22%, 95%
CMY	0.4157, 0.7804, 0.0549
CMYK	0.38, 0.77, 0.00, 0.05
HSL	270°, 87%, 58%
HSV	270°, 77%, 95%
XYZ	29.6858, 15.5688, 84.6595
YIQ	104.8970, -3.9570, 77.2510

Conversions

Conversions Part 2

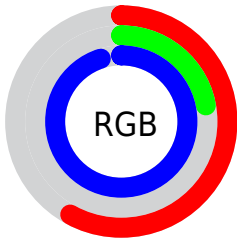
Format	Color
R_{YB}	149, 56, 241
Decimal	9779441
CIE _{Lab}	46.40, 70.26, -76.32
CIE _{LCh}	46, 103.733, 312.634
Yxy	15.5688, 0.2285, 0.1198
Android (android.graphics.Color)	4287969521 (0xFF9538F1)
YUV	104.8970, 67.0988, 38.6783
Hunter-Lab	39.4573, 65.2446, -99.5925

Details

The Hex color **9538F1** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **94F138**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D171FF**, and **5800B8** is the 20% darker color. If you saturate the color by 10%, you get **8920F1**, and if you desaturate by 10%, it is **A150F1**.

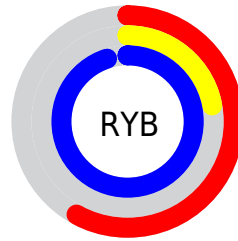
Distribution



Red (58%)

Green (22%)

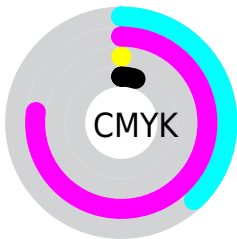
Blue (95%)



Red (58%)

Yellow (22%)

Blue (95%)

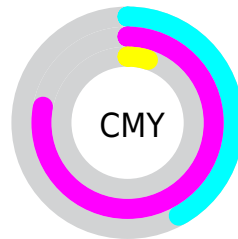


Cyan (38%)

Magenta (77%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (78%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9538F1 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 9538F1 by changing the saturation by 10% instead.

 9538F1

 9538F1

FFFFFF

 7716D4

 D171FF

 5800B8

 F08CFF

 37009C

 FFA9FF

 010081


 FFC5FF

 000067

 FFE2FF

 00014D

 000536

 00021F

 000003

 9538F1

 9538F1

 8920F1

 A150F1

 7D08F1

 AD68F1

 7900F1

 B980F1

 C598F1

 D1B0F1

 DDC9F1

 E9E1F1

 F5F9F1

 FFFFF1

Harmonies

Analogous

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



0070FF



9538F1



E800A4

Triad

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



9538F1



AE5600



008E92

Complementary

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



9538F1



94F138

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.



008B35



9538F1



657600

Square

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



9538F1



E30000



008500



008EE5

Rectangle

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



9538F1



FB006B



008500



008D74

Sweetspot

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



9538F1



E2C4FF



3894F1



6E5C80



000000



808080

Same Dimension

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



9538F1



8A14FF



F138F1



726C78



5C00B8



1C0038

Inverse Universe

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



F13894



FF1489



38F138



786C72



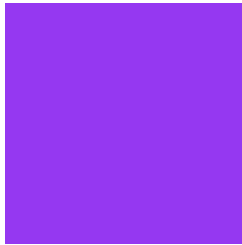
B8005B



38001C

Previews

White Background



This preview shows how the Hex color 9538F1 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

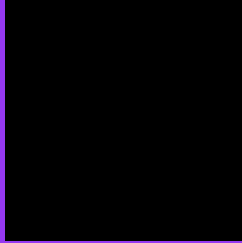
Any Text WCAG AA × Fail

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 9538F1 Background



This preview shows how black text looks on a background with the Hex color 9538F1.

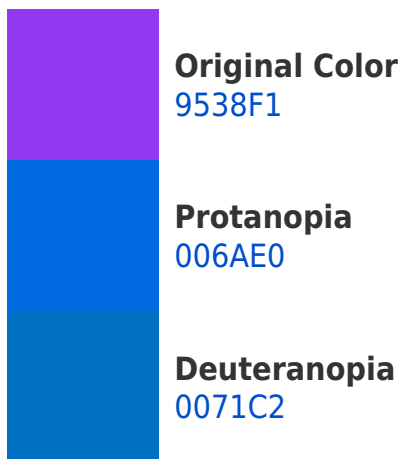



This preview shows how white text looks on a background with the Hex color 9538F1.

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](#).

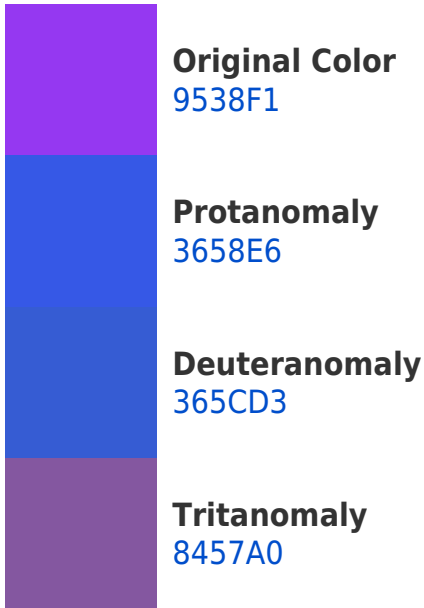
Dichromacy



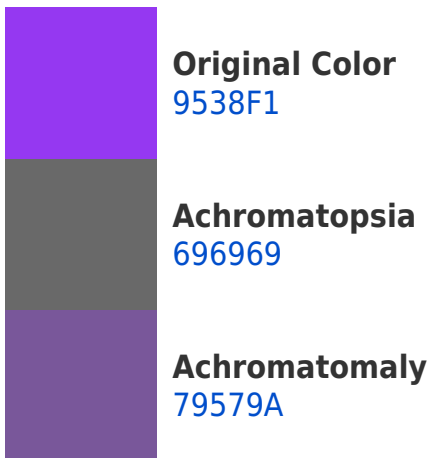


Tritanopia
7A6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9538F1 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 #9538F1 looks like.

```
.text, #text, p{  
    color:#9538F1  
}
```

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 #9538F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9538F1
}
```

Border

The CSS property to change the border of an element to Hex 9538F1 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".

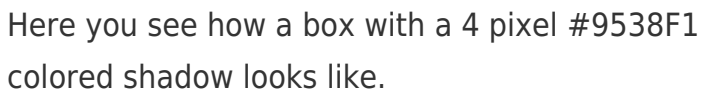
```
.border, #border, table{ border:4px solid
#9538F1 }
```

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

```
.border{ border-color:#9538F1 }
```

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

Here you see how a box with a 4 pixel #9538F1 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9538F1; -webkit-box-shadow:4px 4px  
4px 4px #9538F1; box-shadow:4px 4px 4px  
4px #9538F1 }
```

Background

The CSS property to change the background color of an element to Hex 9538F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9538F1 }
```

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

```
.background{ background-color:#9538F1 }
```

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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