

Converting Colors

Hex(0952F8)

Have a look what the booklet for
Hex(0952F8) contains.

Hex(0952F8)	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>	29

Color

Hex(0952F8)

Conversions

Conversions Part 1

Format	Color
Hex	0952F8
RGB	9, 82, 248
RGB Percent	4%, 32%, 97%
CMY	0.9647, 0.6784, 0.0275
CMYK	0.96, 0.67, 0.00, 0.03
HSL	222°, 94%, 50%
HSV	222°, 96%, 97%
XYZ	20.0732, 12.8700, 90.2331
YIQ	79.0970, -96.7940, 36.1500

Conversions

Conversions Part 2

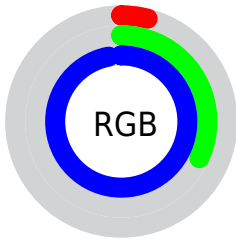
Format	Color
R _Y B	9, 65, 248
Decimal	611064
CIE Lab	42.57, 45.32, -86.88
CIE LCh	43, 97.989, 297.545
Yxy	12.8700, 0.1630, 0.1045
Android (android.graphics.Color)	4278801144 (0xFF0952F8)
YUV	79.0970, 83.2692, -61.4751
Hunter-Lab	35.8747, 37.0964, -124.0155

Details

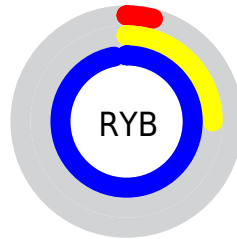
The Hex color **0952F8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F8AF09**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7383FF**, and **0026BE** is the 20% darker color. If you saturate the color by 10%, you get **004CF8**, and if you desaturate by 10%, it is **2263F8**.

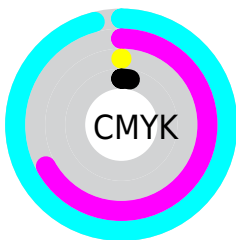
Distribution



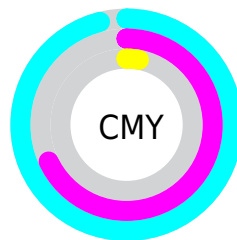
- Red (4%)
- Green (32%)
- Blue (97%)



- Red (4%)
- Yellow (25%)
- Blue (97%)



- Cyan (96%)
- Magenta (67%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (68%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0952F8 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 0952F8 by changing the saturation by 10% instead.

 0952F8

 0952F8

FFFFFF

 003BDB

 7383FF

 0026BE

 959DFF

 0014A2

 B6B8FF

 000187

 D6D4FF

 00096C

 F6F0FF

 000B53

 00063B

 000224

 00000C

■ 0952F8

■ 0952F8

■ 004CF8

■ 2263F8

■ 3B74F8

■ 5386F8

■ 6C97F8

■ 85A8F8

■ 9EB9F8

■ B7CBF8

■ CFDCF8

■ E8EDF8

Harmonies

Analogous

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



0074FF



0952F8



B900BD

Triad

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



0952F8



BC3200



00815B

Complementary

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



0952F8



F8AF09

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



0952F8



816000

Square

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



0952F8



E10021



287400



0083AF

Rectangle

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



0952F8



DC008A



287400



00803E

Sweetspot

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



0952F8



B5CCFF



09F8AC



536180



000000



808080

Same Dimension

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



0952F8



004EFF



3509F8



70747D



003ABD



00133D

Inverse Universe

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



F80952



FF004E



CCF809



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 0952F8 looks on a white background.

Color Contrast Check

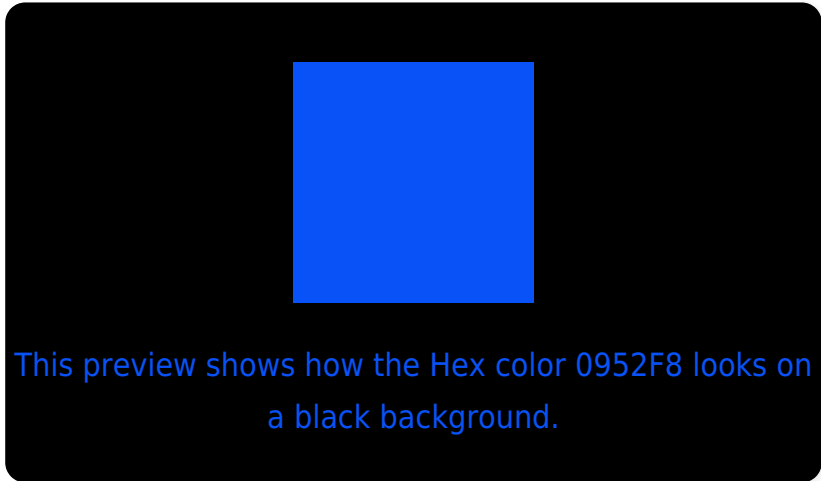
Large Text (above 18pt) WCAG AA ✓ Pass

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 0952F8 Background



This preview shows how black text looks on a background with the Hex color 0952F8.



This preview shows how white text looks on a background with the Hex color 0952F8.

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
006F75

Trichromacy



Original Color
0952F8

Protanomaly
035BDB

Deuteranomaly
035FC8

Tritanomaly
0364A5

Monochromacy



Original Color
0952F8

Achromatopsia
4F4F4F

Achromatomaly
36508C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0952F8 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 #0952F8 looks like.

```
.text, #text, p{  
    color:#0952F8  
}
```

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 #0952F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0952F8  
}
```

Border

The CSS property to change the border of an element to Hex 0952F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

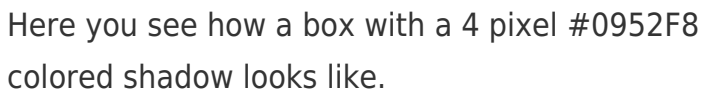
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0952F8 }
```

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

```
.border{ border-color:#0952F8 }
```

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



Here you see how a box with a 4 pixel #0952F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0952F8; -webkit-box-shadow:4px 4px  
4px 4px #0952F8; box-shadow:4px 4px 4px  
4px #0952F8 }
```

Background

The CSS property to change the background color of an element to Hex 0952F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0952F8 }
```

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

```
.background{ background-color:#0952F8 }
```

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