

Converting Colors

Hex(8952D1)

Have a look what the booklet for
Hex(8952D1) contains.

Hex(8952D1)	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(8952D1)

Conversions

Conversions Part 1

Format	Color
Hex	8952D1
RGB	137, 82, 209
RGB Percent	54%, 32%, 82%
CMY	0.4627, 0.6784, 0.1804
CMYK	0.34, 0.61, 0.00, 0.18
HSL	266°, 58%, 57%
HSV	266°, 61%, 82%
XYZ	24.8424, 15.9564, 62.0922
YIQ	112.9230, -7.9870, 51.1570

Conversions

Conversions Part 2

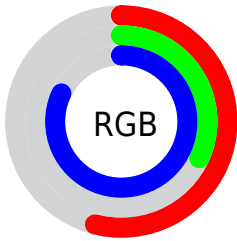
Format	Color
R_{YB}	137, 82, 209
Decimal	8999633
CIE _{Lab}	46.92, 48.49, -57.37
CIE _{LCh}	47, 75.121, 310.203
Yxy	15.9564, 0.2414, 0.1551
Android (android.graphics.Color)	4287189713 (0xFF8952D1)
YUV	112.9230, 47.3660, 21.1155
Hunter-Lab	39.9455, 41.1062, -64.1999

Details

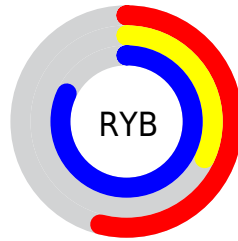
The Hex color **8952D1** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **9AD152**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C286FF**, and **511F9A** is the 20% darker color. If you saturate the color by 10%, you get **7D3DD1**, and if you desaturate by 10%, it is **9567D1**.

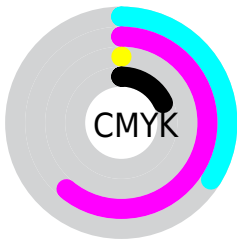
Distribution



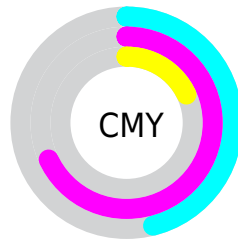
- Red (54%)
- Green (32%)
- Blue (82%)



- Red (54%)
- Yellow (32%)
- Blue (82%)



- Cyan (34%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (68%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8952D1 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 8952D1 by changing the saturation by 10% instead.

 8952D1

 8952D1

FFFFFF

 6D39B5

 C286FF

 511F9A

 DFA1FF

 34017F

 FDBCFF

 100065


 FFD9FF

 00004C

 FFF5FF

 000534

 00021E

 000001

 000000

8952D1

8952D1

7D3DD1

9567D1

7128D1

A17CD1

6513D1

AD91D1

5B00D1

B8A6D1

C4BBD1

D0CFD1

DCE4D1

E8F9D1

F4FFD1

Harmonies

Analogous

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



0071ED



8952D1



C8259B

Triad

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



8952D1



A95C00



008A84

Complementary

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



8952D1



9AD152

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.



008741



8952D1



747400

Square

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



8952D1



CE381F



248100



0089C0

Rectangle

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



8952D1



D90272



248100



00896E

Sweetspot

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



8952D1



E5D1FF



529CD1



706380



000000



808080

Same Dimension

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



8952D1



9545FF



C652D1



635E69



4900A8



120029

Inverse Universe

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



D1529A



FF45AE



5DD152



695E64



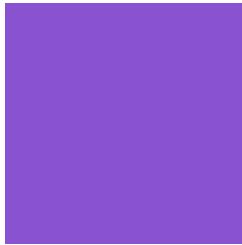
A8005F



290017

Previews

White Background



This preview shows how the Hex color 8952D1 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

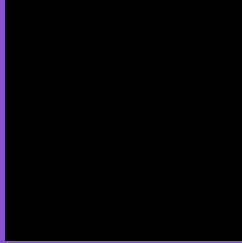
Any Text WCAG AA × Fail

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 8952D1 Background



This preview shows how black text looks on a background with the Hex color 8952D1.

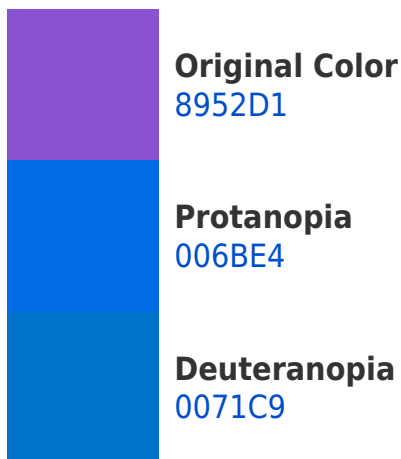


This preview shows how white text looks on a background with the Hex color 8952D1.

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
766C75

Trichromacy



Original Color
8952D1



Protanomaly
3262DD



Deuteranomaly
3266CC



Tritanomaly
7D6396

Monochromacy



Original Color
8952D1



Achromatopsia
717171



Achromatomaly
7A6694

CSS Examples

Text

The CSS property to change the color of the text to Hex 8952D1 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 #8952D1 looks like.

```
.text, #text, p{  
    color:#8952D1  
}
```

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 #8952D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8952D1
}
```

Border

The CSS property to change the border of an element to Hex 8952D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

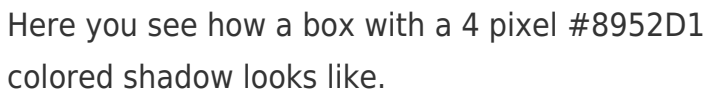
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8952D1 }
```

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

```
.border{ border-color:#8952D1 }
```

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



Here you see how a box with a 4 pixel #8952D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8952D1; -webkit-box-shadow:4px 4px  
4px 4px #8952D1; box-shadow:4px 4px 4px  
4px #8952D1 }
```

Background

The CSS property to change the background color of an element to Hex 8952D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8952D1 }
```

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

```
.background{ background-color:#8952D1 }
```

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