

Converting Colors

Hex(329AF8)

Have a look what the booklet for
Hex(329AF8) contains.

Hex(329AF8)	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(329AF8)

Conversions

Conversions Part 1

Format	Color
Hex	329AF8
RGB	50, 154, 248
RGB Percent	20%, 60%, 97%
CMY	0.8039, 0.3961, 0.0275
CMYK	0.80, 0.38, 0.00, 0.03
HSL	208°, 93%, 58%
HSV	208°, 80%, 97%
XYZ	29.8143, 30.5666, 93.1355
YIQ	133.6200, -92.1580, 7.1860

Conversions

Conversions Part 2

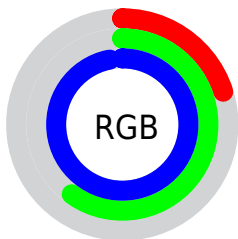
Format	Color
RYB	50, 118, 248
Decimal	3316472
CIELab	62.14, 2.92, -55.13
CIELCh	62, 55.205, 273.030
Yxy	30.5666, 0.1942, 0.1991
Android (android.graphics.Color)	4281506552 (0xFF329AF8)
YUV	133.6200, 56.3893, -73.3347
Hunter-Lab	55.2871, -0.4940, -61.1778

Details

The Hex color **329AF8** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F89032**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7ED0FF**, and **0068BF** is the 20% darker color. If you saturate the color by 10%, you get **198EF8**, and if you desaturate by 10%, it is **4BA6F8**.

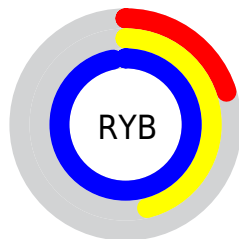
Distribution



Red (20%)

Green (60%)

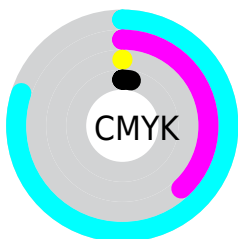
Blue (97%)



Red (20%)

Yellow (46%)

Blue (97%)

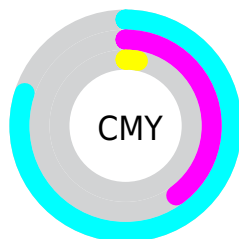


Cyan (80%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (80%)

Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 329AF8 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 329AF8 by changing the saturation by 10% instead.

 329AF8

 329AF8


FFFFFF

 0080DB

 7ED0FF

 0068BF

 9EECFE

 0050A3

 BDFEFC

 003A89

 DCFEFC

 00266F

 FCFEFC

 001056

 00063E

 000327

 000110

■ 329AF8

■ 329AF8

■ 198EF8

■ 4BA6F8

■ 0082F8

■ 64B2F8

■ 7CBDF8

■ 95C9F8

■ AED5F8

■ C7E1F8

■ E0ECF8

■ F8F8F8

■ FFFFF8

Harmonies

Analogous

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



00A7ED



329AF8



9F87E9

Triad

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



329AF8



EC7164



2EAB68

Complementary

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



329AF8



F89032

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.



7AA33F



329AF8



D4833E

Square

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



329AF8



EE6A93



AC952D



00AE9A

Rectangle

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



329AF8



C77AD2



AC952D



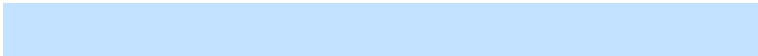
4EA959

Sweetspot

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



329AF8



C2E2FF



32F88E



5B6E80



000000



808080

Same Dimension

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



329AF8



0A8BFF



3239F8



70777D



0063BD



00203D

Inverse Universe

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



F8329A



FF0A8B



F8F132



7D7077



BD0063



3D0020

Previews

White Background



This preview shows how the Hex color 329AF8 looks on a white background.

Color Contrast Check

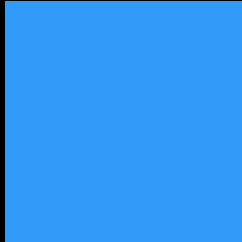
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 329AF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

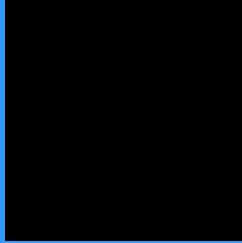
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

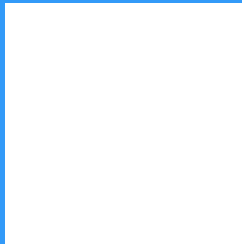
Any Text WCAG AAA ✓ Pass

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

Hex 329AF8 Background



This preview shows how black text looks on a background with the Hex color 329AF8.



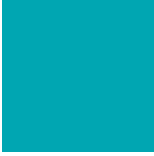
This preview shows how white text looks on a background with the Hex color 329AF8.

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
00A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 329AF8 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 #329AF8 looks like.

```
.text, #text, p{  
    color:#329AF8  
}
```

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 #329AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329AF8
}
```

Border

The CSS property to change the border of an element to Hex 329AF8 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
#329AF8 }
```

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

```
.border{ border-color:#329AF8 }
```

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

Here you see how a box with a 4 pixel #329AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329AF8; -webkit-box-shadow:4px 4px  
4px 4px #329AF8; box-shadow:4px 4px 4px  
4px #329AF8 }
```

Background

The CSS property to change the background color of an element to Hex 329AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329AF8 }
```

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

```
.background{ background-color:#329AF8 }
```

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