

Converting Colors

Hex(329FAB)

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

Hex(329FAB)	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(329FAB)

Conversions

Conversions Part 1

Format	Color
Hex	329FAB
RGB	50, 159, 171
RGB Percent	20%, 62%, 67%
CMY	0.8039, 0.3765, 0.3294
CMYK	0.71, 0.07, 0.00, 0.33
HSL	186°, 55%, 43%
HSV	186°, 71%, 67%
XYZ	21.0642, 28.4147, 42.9025
YIQ	127.7770, -68.8160, -19.3760

Conversions

Conversions Part 2

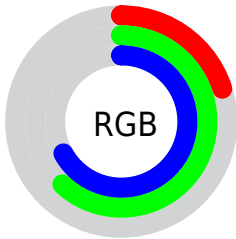
Format	Color
RYB	50, 107, 171
Decimal	3317675
CIELab	60.26, -26.13, -15.14
CIElCh	60, 30.202, 210.081
Yxy	28.4147, 0.2280, 0.3076
Android (android.graphics.Color)	4281507755 (0xFF329FAB)
YUV	127.7770, 21.3089, -68.2104
Hunter-Lab	53.3054, -22.7482, -10.4053




Details

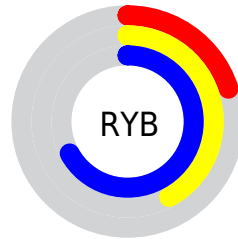
The Hex color **329FAB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB3E32**, and the grayscale version is **808080**.




A 20% lighter version of the original color is **71D6E2**, and **006B77** is the 20% darker color. If you saturate the color by 10%, you get **219DAB**, and if you desaturate by 10%, it is **43A1AB**.

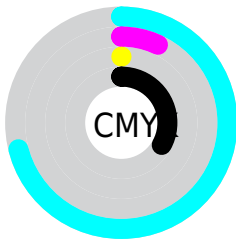
Distribution







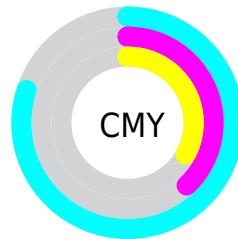
-  Red (20%)
-  Green (62%)
-  Blue (67%)






-  Red (20%)
-  Yellow (42%)
-  Blue (67%)



-  Cyan (71%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (80%)
-  Magenta (38%)
-  Yellow (33%)

Brightness & Saturation Gradients

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

 329FAB

 329FAB

FFFFFF

 008590

 71D6E2

 006B77

 8FF3FF

 00535E

 ACFFFF

 003B46

 CAFFFF

 002530

 E7FFFF

 00031C

 000000

 329FAB

 329FAB

 219DAB

 43A1AB

■ 109CAB

■ 54A2AB

■ 009AAB

■ 65A4AB

■ 76A6AB

■ 87A7AB

■ 99A9AB

■ AAABAB

■ BBADAB

■ CCAEAB

Harmonies

Analogous

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



48A090



329FAB



449BBF

Triad

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



329FAB



B382AC



A3905C

Complementary

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



329FAB



AB3E32

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.



B98664



329FAB



C37D92

Square

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



329FAB



958ABF



C57F78



879862

Rectangle

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



329FAB



5E97C5



C57F78



AB8D5D

Sweetspot

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



329FAB



AFD9DE



32AB3C



546D70



F0F0F0



707070

Same Dimension

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



329FAB



21CBDE



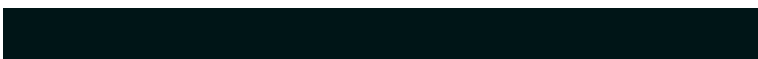
3264AB



4E5657



008896



001517

Inverse Universe

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



AB329F



DE21CB



AB7932



574E56



960088



170015

Previews

White Background



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

Color Contrast Check

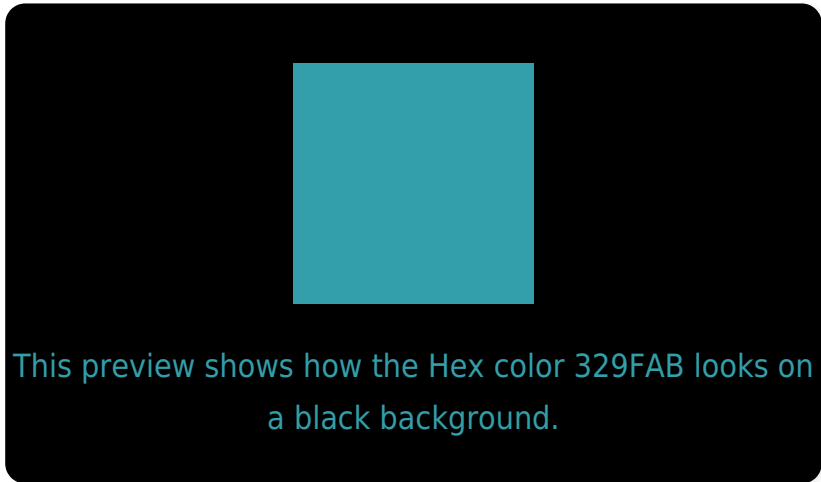
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

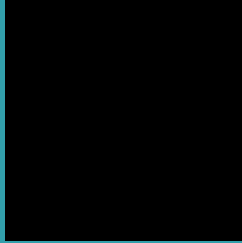
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 329FAB Background



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



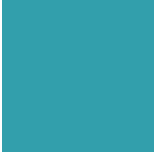
This preview shows how white text looks on a background with the Hex color 329FAB.

Color Blindness Simulation

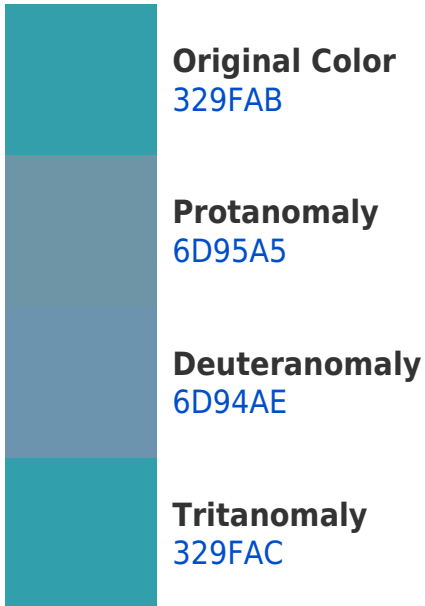
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

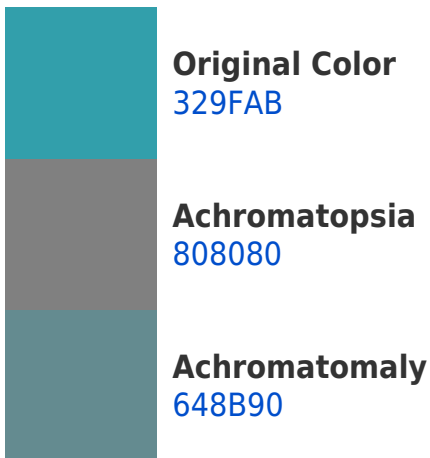




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #329FAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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