

Converting Colors

Hex(619AEF)

Have a look what the booklet for
Hex(619AEF) contains.

Hex(619AEF)	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(619AEF)

Conversions

Conversions Part 1

Format	Color
Hex	619AEF
RGB	97, 154, 239
RGB Percent	38%, 60%, 94%
CMY	0.6196, 0.3961, 0.0627
CMYK	0.59, 0.36, 0.00, 0.06
HSL	216°, 82%, 66%
HSV	216°, 59%, 94%
XYZ	32.0654, 31.8846, 86.1257
YIQ	146.6470, -61.2570, 14.3510

Conversions

Conversions Part 2

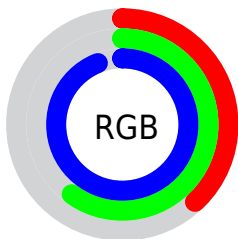
Format	Color
R _Y B	97, 138, 239
Decimal	6396655
CIE Lab	63.25, 6.49, -48.33
CIE LCh	63, 48.764, 277.646
Yxy	31.8846, 0.2137, 0.2125
Android (android.graphics.Color)	4284586735 (0xFF619AEF)
YUV	146.6470, 45.5300, -43.5404
Hunter-Lab	56.4664, 2.5478, -50.9058

Details

The Hex color **619AEF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFB661**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9DD0FF**, and **1367B6** is the 20% darker color. If you saturate the color by 10%, you get **498CEF**, and if you desaturate by 10%, it is **79A8EF**.

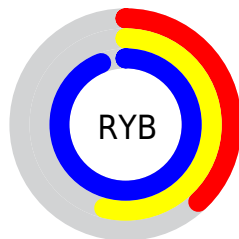
Distribution



Red (38%)

Green (60%)

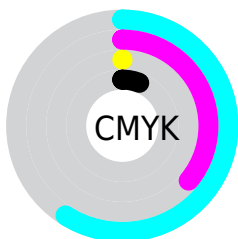
Blue (94%)



Red (38%)

Yellow (54%)

Blue (94%)

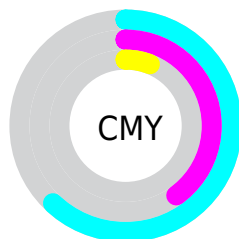


Cyan (59%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (62%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 619AEF 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 619AEF by changing the saturation by 10% instead.

■ 619AEF

■ 619AEF

FFFFFF

■ 4080D2

■ 9DD0FF

■ 1367B6

■ BBECFF

■ 00509B

■ D9FFFF

■ 003981

■ F7FFFF

■ 002567

■ 000F4F

■ 000537

■ 000221

■ 000005

■ 619AEF

■ 619AEF

■ 498CEF

■ 79A8EF

■ 317DEF

■ 91B7EF

■ 196FEF

■ A9C5EF

■ 0161EF

■ C1D3EF

■ 0060EF

■ D8E2EF

■ F0F0EF

■ FFFEEF

■ FFFFEF

Harmonies

Analogous

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



00A6E9



619AEF



AB89DE

Triad

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



619AEF



E57C66



39AD77

Complementary

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



619AEF



EFB661

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.



79A651



619AEF



CD8B48

Square

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



619AEF



EA7490



A89A3F



00AFA3

Rectangle

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



619AEF



CB7EC8



A89A3F



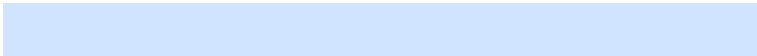
53AB69

Sweetspot

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



619AEF



D1E4FF



61EFB4



636F80



000000



808080

Same Dimension

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



619AEF



4A93FF



6D61EF



6C7178



004AB8



001738

Inverse Universe

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



EF619A



FF4A93



E3EF61



786C71



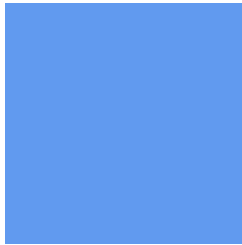
B8004A



380017

Previews

White Background



This preview shows how the Hex color 619AEF looks on a white background.

Color Contrast Check

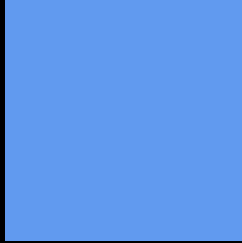
Large Text (above 18pt) WCAG AA × Fail

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 619AEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

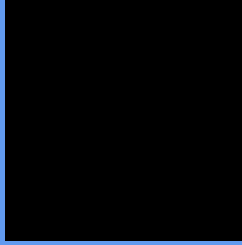
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

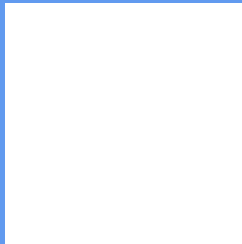
Any Text WCAG AAA ✓ Pass

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

Hex 619AEF Background



This preview shows how black text looks on a background with the Hex color 619AEF.



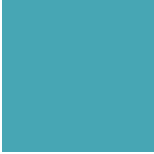
This preview shows how white text looks on a background with the Hex color 619AEF.

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](#).

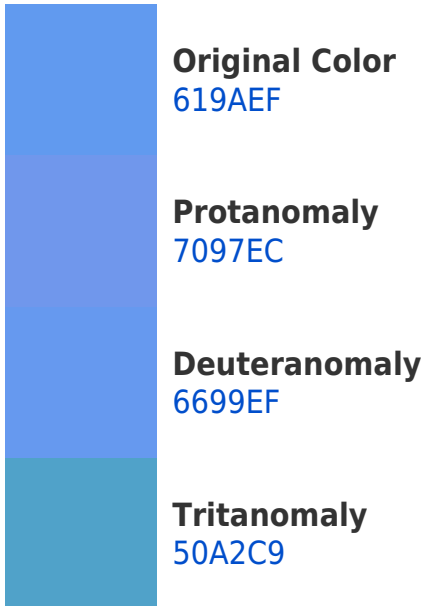
Dichromacy



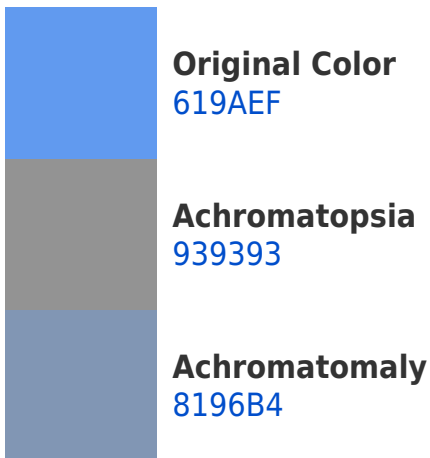


Tritanopia
47A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 619AEF 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 #619AEF looks like.

```
.text, #text, p{  
    color:#619AEF  
}
```

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 #619AEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619AEF
}
```

Border

The CSS property to change the border of an element to Hex 619AEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

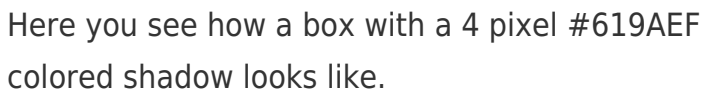
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#619AEF }
```

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

```
.border{ border-color:#619AEF }
```

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



Here you see how a box with a 4 pixel #619AEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619AEF; -webkit-box-shadow:4px 4px  
4px 4px #619AEF; box-shadow:4px 4px 4px  
4px #619AEF }
```

Background

The CSS property to change the background color of an element to Hex 619AEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619AEF }
```

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

```
.background{ background-color:#619AEF }
```

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