

Converting Colors

Hex(19A4EE)

Have a look what the booklet for
Hex(19A4EE) contains.

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Color

Hex(19A4EE)

Conversions

Conversions Part 1

Format	Color
Hex	19A4EE
RGB	25, 164, 238
RGB Percent	10%, 64%, 93%
CMY	0.9020, 0.3569, 0.0667
CMYK	0.89, 0.31, 0.00, 0.07
HSL	201°, 86%, 52%
HSV	201°, 89%, 93%
XYZ	29.1090, 32.9306, 85.7110
YIQ	130.8750, -106.5980, -6.4540

Conversions

Conversions Part 2

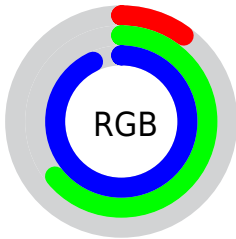
Format	Color
R _Y B	25, 109, 238
Decimal	1680622
CIE Lab	64.10, -8.25, -46.56
CIE LCh	64, 47.281, 259.950
Yxy	32.9306, 0.1970, 0.2229
Android (android.graphics.Color)	4279870702 (0xFF19A4EE)
YUV	130.8750, 52.8126, -92.8524
Hunter-Lab	57.3852, -9.8790, -48.3863

Details

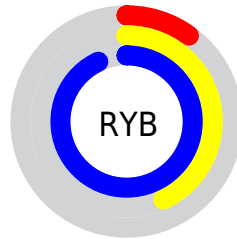
The Hex color **19A4EE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **EE6319**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **71DBFF**, and **0071B6** is the 20% darker color. If you saturate the color by 10%, you get **019CEE**, and if you desaturate by 10%, it is **31ACEE**.

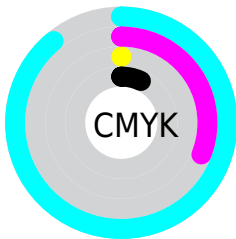
Distribution



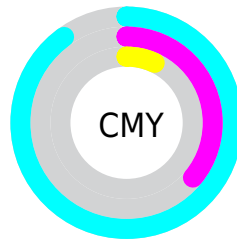
- Red (10%)
- Green (64%)
- Blue (93%)



- Red (10%)
- Yellow (43%)
- Blue (93%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (90%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A4EE 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 19A4EE by changing the saturation by 10% instead.

 19A4EE

 19A4EE

FFFFFF

 008AD1

 71DBFF

 0071B6

 92F7FF

 00589A

 B2FFFF

 004180

 D1FFFF

 002C67

 F1FFFF

 00184E

 000537

 000220

 000005

■ 19A4EE

■ 19A4EE

■ 019CEE

■ 31ACEE

■ 009BEE

■ 49B5EE

■ 60BDEE

■ 78C5EE

■ 90CDEE

■ A8D6EE

■ C0DEEE

■ D7E6EE

■ EFEEEE

Harmonies

Analogous

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



00ADD8



19A4EE



8796EB

Triad

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



19A4EE



EB7981



67AB63

Complementary

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



19A4EE



EE6319

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.



99A249



19A4EE



DE855C

Square

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



19A4EE



E279AB



C19446



07B08B

Rectangle

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



19A4EE



B18BDC



C19446



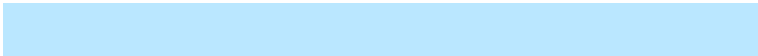
79A858

Sweetspot

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



19A4EE



BAE7FF



19EE60



577180



000000



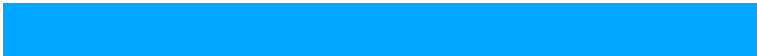
808080

Same Dimension

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



19A4EE



00A6FF



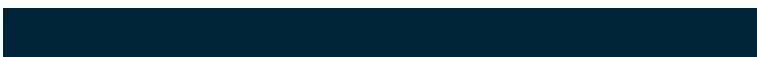
193DEE



6C7478



0078B8



002538

Inverse Universe

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



EE19A4



FF00A6



EECB19



786C74



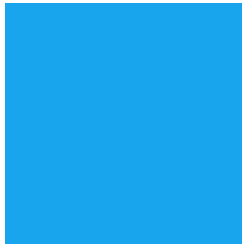
B80078



380025

Previews

White Background



This preview shows how the Hex color 19A4EE looks on a white background.

Color Contrast Check

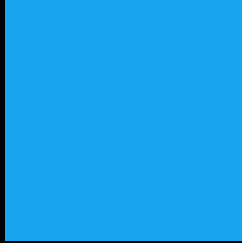
Large Text (above 18pt) WCAG AA × Fail

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 19A4EE 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

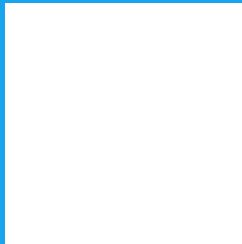
Any Text WCAG AAA ✓ Pass

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

Hex 19A4EE Background



This preview shows how black text looks on a background with the Hex color 19A4EE.

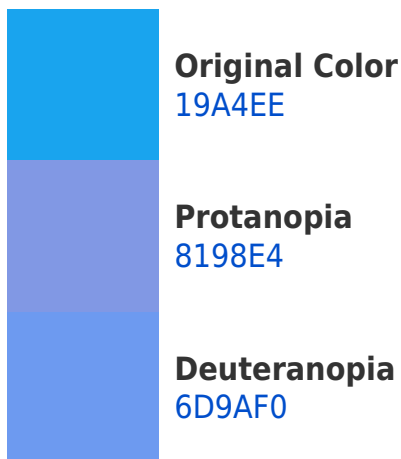


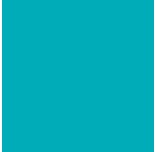
This preview shows how white text looks on a background with the Hex color 19A4EE.

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



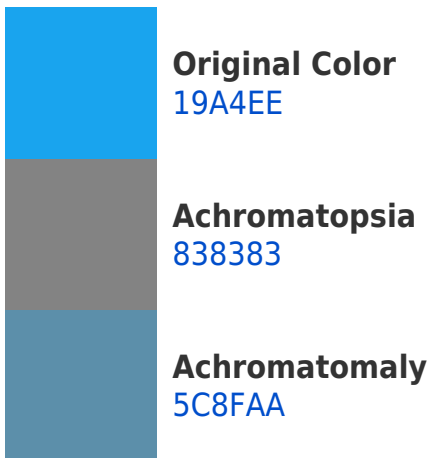


Tritanopia
00ACB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19A4EE 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 #19A4EE looks like.

```
.text, #text, p{  
    color:#19A4EE  
}
```

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 #19A4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A4EE
}
```

Border

The CSS property to change the border of an element to Hex 19A4EE 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
#19A4EE }
```

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

```
.border{ border-color:#19A4EE }
```

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

Here you see how a box with a 4 pixel #19A4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A4EE; -webkit-box-shadow:4px 4px  
4px 4px #19A4EE; box-shadow:4px 4px 4px  
4px #19A4EE }
```

Background

The CSS property to change the background color of an element to Hex 19A4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A4EE }
```

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

```
.background{ background-color:#19A4EE }
```

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](#).

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