

Converting Colors

Hex(19EAF1)

Have a look what the booklet for
Hex(19EAF1) contains.

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Color

Hex(19EAF1)

Conversions

Conversions Part 1

Format	Color
Hex	19EAF1
RGB	25, 234, 241
RGB Percent	10%, 92%, 95%
CMY	0.9020, 0.0824, 0.0549
CMYK	0.90, 0.03, 0.00, 0.05
HSL	182°, 89%, 52%
HSV	182°, 90%, 95%
XYZ	45.7009, 65.4032, 93.4345
YIQ	172.3070, -126.8110, -42.1310

Conversions

Conversions Part 2

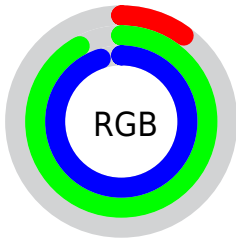
Format	Color
R _Y B	25, 131, 241
Decimal	1698545
CIE Lab	84.69, -42.30, -16.45
CIE LCh	85, 45.388, 201.249
Yxy	65.4032, 0.2234, 0.3198
Android (android.graphics.Color)	4279888625 (0xFF19EAF1)
YUV	172.3070, 33.8656, -129.1882
Hunter-Lab	80.8722, -40.6560, -11.8892

Details

The Hex color **19EAF1** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F12019**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **79FFFF**, and **00B2B9** is the 20% darker color. If you saturate the color by 10%, you get **01E9F1**, and if you desaturate by 10%, it is **31EBF1**.

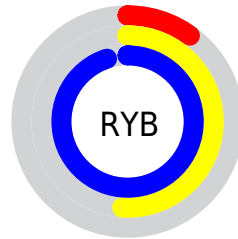
Distribution



Red (10%)

Green (92%)

Blue (95%)



Red (10%)

Yellow (51%)

Blue (95%)

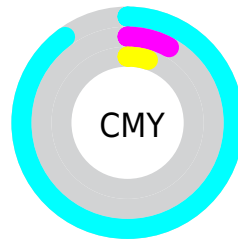


Cyan (90%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (90%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19EAF1 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 19EAF1 by changing the saturation by 10% instead.

 19EAF1

 19EAF1


FFFFFF

 00CDD5

 79FFFF

 00B2B9

 9BFFFF

 00969E

 BCFFFF

 007C84

 DCFFFF

 00626B

 FCFFFF

 004953

 00323C

 001A26

 000111

 19EAF1

 19EAF1

 01E9F1

 31EBF1

 00E9F1

 49ECF1

 61ECF1

 79EDF1

 91EEF1

 AAEFF1

 C2EFF1

 DAF0F1

 F2F1F1

Harmonies

Analogous

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



66EAC5



19EAF1



26E5FF

Triad

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



19EAF1



FDBDFE



FBCD7E

Complementary

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



19EAF1



F12019

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.



FFBE92



19EAF1



FFB3E2

Square

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



19EAF1



C6CFFF



FFB3B7



D1DA82

Rectangle

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



19EAF1



62DFFF



FFB3B7



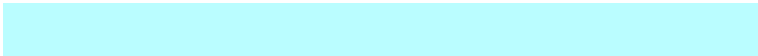
FFC783

Sweetspot

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



19EAF1



BAFDFF



19F11D



577E80



000000



808080

Same Dimension

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



19EAF1



00F7FF



1981F1



6C7778



00B2B8



003638

Inverse Universe

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



F119EA



FF00F7



F18919



786C77



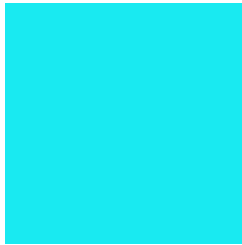
B800B2



380036

Previews

White Background



This preview shows how the Hex color 19EAF1 looks on a white background.

Color Contrast Check

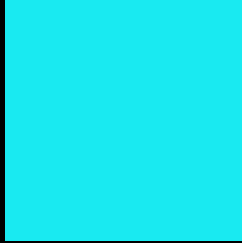
Large Text (above 18pt) WCAG AA × Fail

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 19EAF1 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 19EAF1 Background



This preview shows how black text looks on a background with the Hex color 19EAF1.

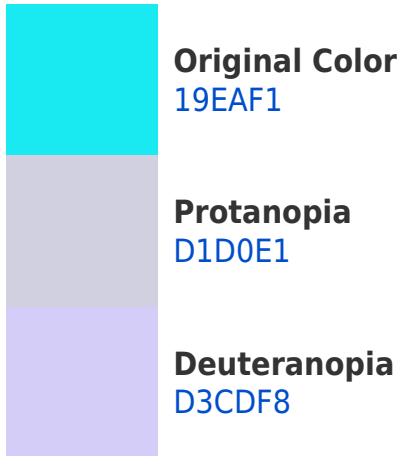


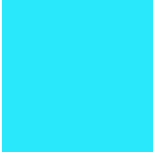
This preview shows how white text looks on a background with the Hex color 19EAF1.

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



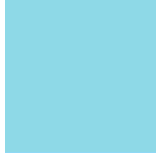


Tritanopia
2AE8FB

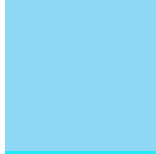
Trichromacy



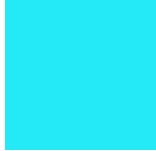
Original Color
19EAF1



Protanomaly
8ED9E7

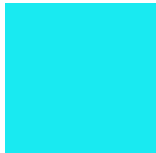


Deuteranomaly
8FD8F5

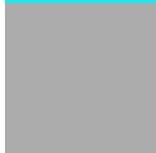


Tritanomaly
24E9F7

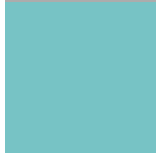
Monochromacy



Original Color
19EAF1



Achromatopsia
ACACAC



Achromatomaly
77C3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 19EAF1 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 #19EAF1 looks like.

```
.text, #text, p{  
    color:#19EAF1  
}
```

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 #19EAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19EAF1
}
```

Border

The CSS property to change the border of an element to Hex 19EAF1 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
#19EAF1 }
```

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

```
.border{ border-color:#19EAF1 }
```

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

Here you see how a box with a 4 pixel #19EAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19EAF1; -webkit-box-shadow:4px 4px  
4px 4px #19EAF1; box-shadow:4px 4px 4px  
4px #19EAF1 }
```

Background

The CSS property to change the background color of an element to Hex 19EAF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19EAF1 }
```

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

```
.background{ background-color:#19EAF1 }
```

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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