

Converting Colors

Hex(18A1F5)

Have a look what the booklet for
Hex(18A1F5) contains.

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Color

Hex(18A1F5)

Conversions

Conversions Part 1

Format	Color
Hex	18A1F5
RGB	24, 161, 245
RGB Percent	9%, 63%, 96%
CMY	0.9059, 0.3686, 0.0392
CMYK	0.90, 0.34, 0.00, 0.04
HSL	203°, 92%, 53%
HSV	203°, 90%, 96%
XYZ	29.6030, 32.2765, 91.0559
YIQ	129.6130, -108.6160, -2.9200

Conversions

Conversions Part 2

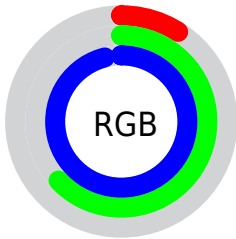
Format	Color
R _Y B	24, 109, 245
Decimal	1614325
CIE Lab	63.57, -4.05, -51.24
CIE LCh	64, 51.397, 265.477
Yxy	32.2765, 0.1936, 0.2110
Android (android.graphics.Color)	4279804405 (0xFF18A1F5)
YUV	129.6130, 56.8858, -92.6226
Hunter-Lab	56.8124, -6.4115, -55.2582

Details

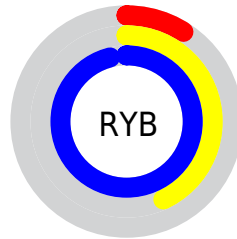
The Hex color **18A1F5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **F56C18**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **72D7FF**, and **006EBC** is the 20% darker color. If you saturate the color by 10%, you get **0098F5**, and if you desaturate by 10%, it is **30AAF5**.

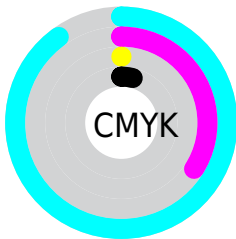
Distribution



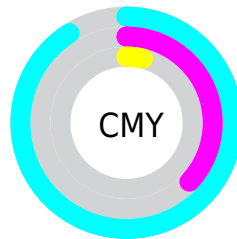
- Red (9%)
- Green (63%)
- Blue (96%)



- Red (9%)
- Yellow (43%)
- Blue (96%)



- Cyan (90%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A1F5 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 18A1F5 by changing the saturation by 10% instead.

 18A1F5

 18A1F5

FFFFFF

 0087D8

 72D7FF

 006EBC

 94F4FF

 0056A1

 B4FFFF

 003F86

 D3FFFF

 002A6C

 F3FFFF

 001654

 00063C

 000225

 00010D

■ 18A1F5

■ 18A1F5

■ 0098F5

■ 30AAF5

■ 49B4F5

■ 61BDF5

■ 7AC6F5

■ 92D0F5

■ ABD9F5

■ C3E2F5

■ DCEBF5

■ F4F5F5

Harmonies

Analogous

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



00ACE5



18A1F5



9191ED

Triad

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



18A1F5



EE7575



54AC64

Complementary

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



18A1F5



F56C18

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.



8DA343



18A1F5



DC844F

Square

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



18A1F5



EA73A3



BA953B



00B091

Rectangle

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



18A1F5



BB84DB



BA953B



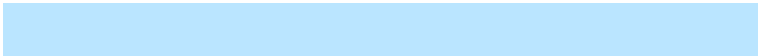
69AA57

Sweetspot

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



18A1F5



BAE5FF



18F569



577080



000000



808080

Same Dimension

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



18A1F5



009EFF



1835F5



6E767A



0073BA



00243B

Inverse Universe

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



F518A1



FF009E



F5D818



7A6E76



BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 18A1F5 looks on a white background.

Color Contrast Check

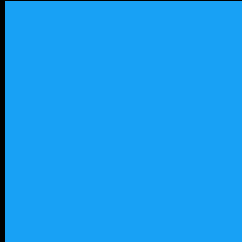
Large Text (above 18pt) WCAG AA × Fail

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 18A1F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

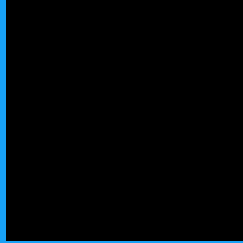
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

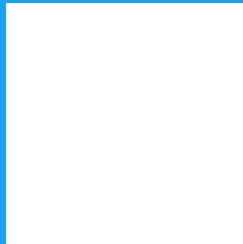
Any Text WCAG AAA ✓ Pass

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

Hex 18A1F5 Background



This preview shows how black text looks on a background with the Hex color 18A1F5.

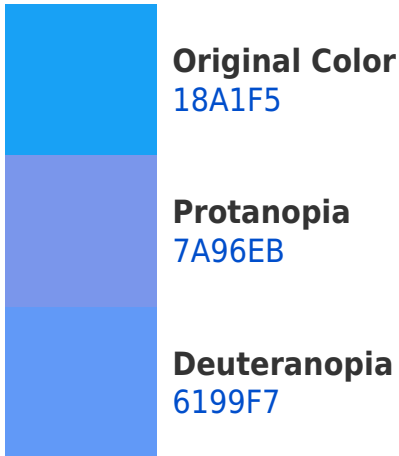


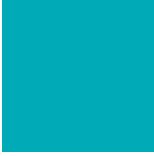
This preview shows how white text looks on a background with the Hex color 18A1F5.

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](#).

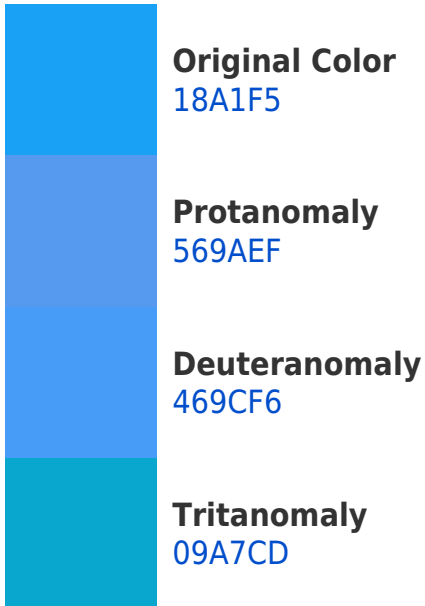
Dichromacy



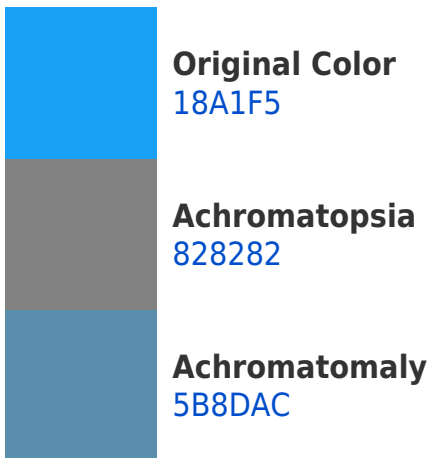


Tritanopia
00AAB6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18A1F5 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 #18A1F5 looks like.

```
.text, #text, p{  
    color:#18A1F5  
}
```

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 #18A1F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A1F5
}
```

Border

The CSS property to change the border of an element to Hex 18A1F5 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
#18A1F5 }
```

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

```
.border{ border-color:#18A1F5 }
```

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

Here you see how a box with a 4 pixel #18A1F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A1F5; -webkit-box-shadow:4px 4px  
4px 4px #18A1F5; box-shadow:4px 4px 4px  
4px #18A1F5 }
```

Background

The CSS property to change the background color of an element to Hex 18A1F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A1F5 }
```

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

```
.background{ background-color:#18A1F5 }
```

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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