

# Converting Colors

Hex(1A5EF8)

Have a look what the booklet for  
Hex(1A5EF8) contains.

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# Color

Hex(1A5EF8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A5EF8
RGB	26, 94, 248
RGB Percent	10%, 37%, 97%
CMY	0.8980, 0.6314, 0.0275
CMYK	0.90, 0.62, 0.00, 0.03
HSL	222°, 94%, 54%
HSV	222°, 90%, 97%
XYZ	21.3720, 15.0023, 90.5762
YIQ	91.2240, -89.9620, 33.4780

# Conversions

## Conversions Part 2

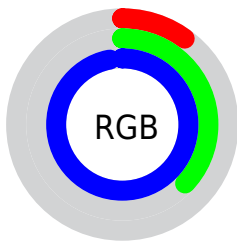
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 78, 248
Decimal	1728248
CIE <sub>Lab</sub>	45.64, 38.37, -81.83
CIE <sub>LCh</sub>	46, 90.374, 295.121
Yxy	15.0023, 0.1683, 0.1182
Android (android.graphics.Color)	4279918328 (0xFF1A5EF8)
YUV	91.2240, 77.2906, -57.2014
Hunter-Lab	38.7328, 30.7101, -111.5359

# Details

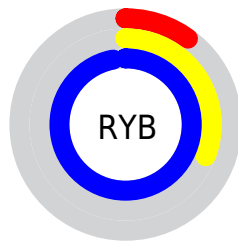
The Hex color **1A5EF8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F8B41A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7690FF**, and **0031BE** is the 20% darker color. If you saturate the color by 10%, you get **014DF8**, and if you desaturate by 10%, it is **336FF8**.

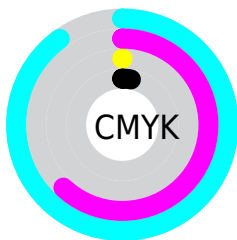
# Distribution



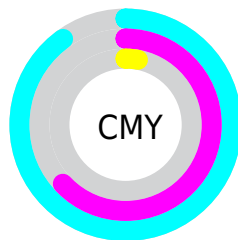
- Red (10%)
- Green (37%)
- Blue (97%)



- Red (10%)
- Yellow (31%)
- Blue (97%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (3%)



- Cyan (90%)
- Magenta (63%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A5EF8 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 1A5EF8 by changing the saturation by 10% instead.



 1A5EF8

 1A5EF8

FFFFFF

 0047DB

 7690FF

 0031BE

 97AAFF

 001EA2

 B8C5FF

 000E87

 D8E1FF

 00046D

 F8FEFF

 000B53

 00063B

 000225

 00010D

■ 1A5EF8

■ 1A5EF8

■ 014DF8

■ 336FF8

■ 004CF8

■ 4C80F8

■ 6492F8

■ 7DA3F8

■ 96B4F8

■ AFC5F8

■ C8D6F8

■ E0E8F8

■ F9F9F8

# Harmonies

## Analogous

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



007BFF



1A5EF8



B620C4

# Triad

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



1A5EF8



C53D00



00885D

# Complementary

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



1A5EF8



F8B41A

# 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.



008400



1A5EF8



8F6500

# Square

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



1A5EF8



E50032



457A00



008AAB

# Rectangle

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



1A5EF8



DB0095



457A00



008742



# Sweetspot

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



1A5EF8



BACFFF



1AF8B2



576380



000000



808080



# Same Dimension

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



1A5EF8



004EFF



431AF8



70747D



003ABD



00133D



# Inverse Universe

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



F81A5E



FF004E



CFF81A



7D7074



BD003A



3D0013



# Previews

## White Background



This preview shows how the Hex color 1A5EF8 looks on a white background.

## Color Contrast Check

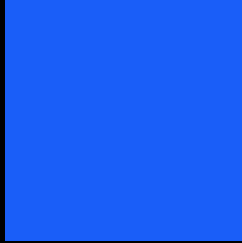
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1A5EF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

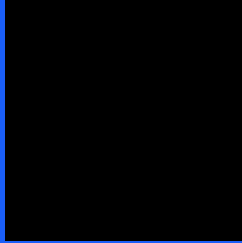
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A5EF8 Background



This preview shows how black text looks on a background with the Hex color 1A5EF8.



This preview shows how white text looks on a background with the Hex color 1A5EF8.

# 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



**Original Color**  
1A5EF8

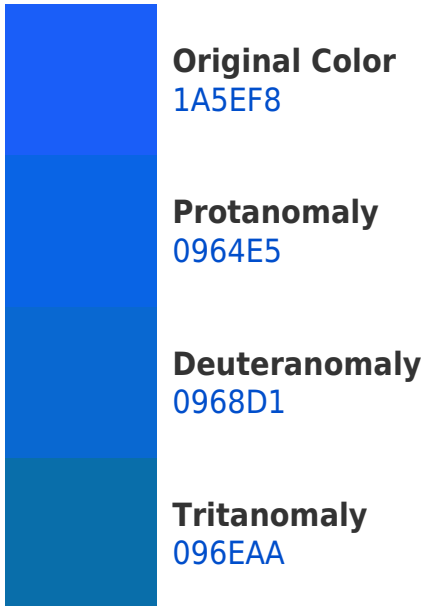
**Protanopia**  
0067DA

**Deuteranopia**  
006EBB

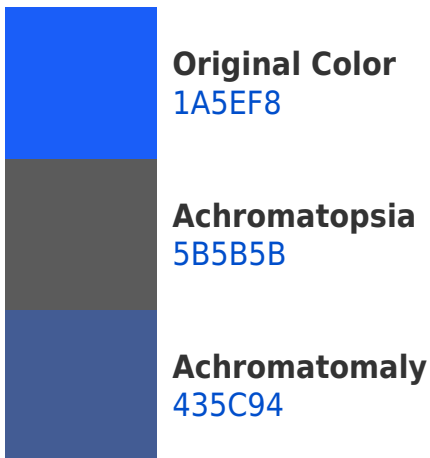


**Tritanopia**  
00777E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A5EF8 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 #1A5EF8 looks like.

```
.text, #text, p{  
    color:#1A5EF8  
}
```

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 #1A5EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5EF8
}
```

## Border

The CSS property to change the border of an element to Hex 1A5EF8 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
#1A5EF8 }
```

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

```
.border{ border-color:#1A5EF8 }
```

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

Here you see how a box with a 4 pixel #1A5EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5EF8; -webkit-box-shadow:4px 4px  
4px 4px #1A5EF8; box-shadow:4px 4px 4px  
4px #1A5EF8 }
```

# Background

The CSS property to change the background color of an element to Hex 1A5EF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5EF8 }
```

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

```
.background{ background-color:#1A5EF8 }
```

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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