

Converting Colors

Hex(009AF5)

Have a look what the booklet for
Hex(009AF5) contains.

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Color

Hex(009AF5)

Conversions

Conversions Part 1

Format	Color
Hex	009AF5
RGB	0, 154, 245
RGB Percent	0%, 60%, 96%
CMY	1.0000, 0.3961, 0.0392
CMYK	1.00, 0.37, 0.00, 0.04
HSL	202°, 100%, 48%
HSV	202°, 100%, 96%
XYZ	28.0370, 29.7038, 90.6419
YIQ	118.3280, -120.9950, -4.3470

Conversions

Conversions Part 2

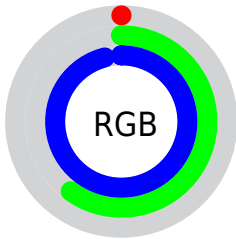
Format	Color
R _{YB}	0, 95, 245
Decimal	39669
CIE _{Lab}	61.40, -0.77, -54.70
CIE _{LCh}	61, 54.703, 269.192
Yxy	29.7038, 0.1890, 0.2002
Android (android.graphics.Color)	4278229749 (0xFF009AF5)
YUV	118.3280, 62.4493, -103.7737
Hunter-Lab	54.5012, -3.5513, -60.4555

Details

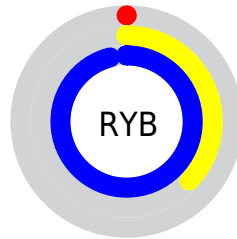
The Hex color **009AF5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F55B00**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6ED0FF**, and **0068BC** is the 20% darker color. If you saturate the color by 10%, you get **009AF5**, and if you desaturate by 10%, it is **18A3F5**.

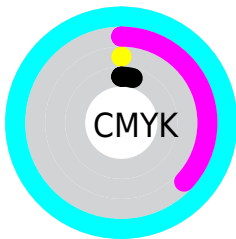
Distribution



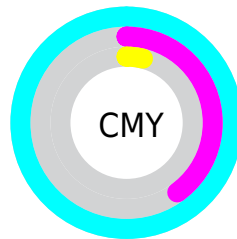
- Red (0%)
- Green (60%)
- Blue (96%)



- Red (0%)
- Yellow (37%)
- Blue (96%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009AF5 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 009AF5 by changing the saturation by 10% instead.

009AF5

009AF5

FFFFFF

0080D8

6ED0FF

0068BC

8FECFF

0050A1

AFFFFFF

003A86

CFFFFFF

00256C

EFFFFFF

001053

00063B

000225

00010D

 009AF5

 18A3F5

 31ACF5

 4AB5F5

 62BEF5

 7BC8F5

 93D1F5

 ABDAF5

 C4E3F5

 DDEC F5

Harmonies

Analogous

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



00A6E7



009AF5



9388E9

Triad

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



009AF5



EB6E68



3BA860

Complementary

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



009AF5



F5B000

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.



7F9F3A



009AF5



D57F41

Square

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



009AF5



EA6898



B0912C



00AC91

Rectangle

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



009AF5



BE7AD4



B0912C



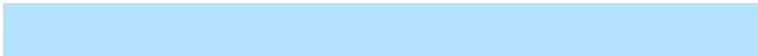
57A552

Sweetspot

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



009AF5



B3E3FF



00F55A



526E80



000000



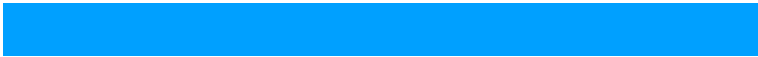
808080

Same Dimension

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



009AF5



00A0FF



0021F5



6E767A



0075BA



00253B

Inverse Universe

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



F5009A



FF00A0



F5D400



7A6E76



BA0075



3B0025

Previews

White Background



This preview shows how the Hex color 009AF5 looks on a white background.

Color Contrast Check

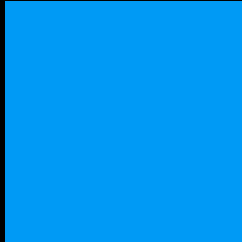
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 009AF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

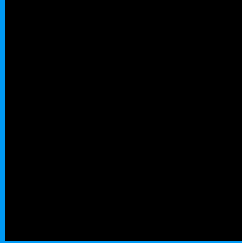
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

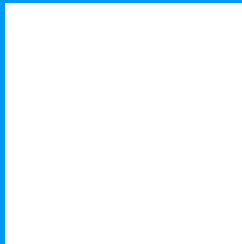
Any Text WCAG AAA × Fail

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

Hex 009AF5 Background



This preview shows how black text looks on a background with the Hex color 009AF5.

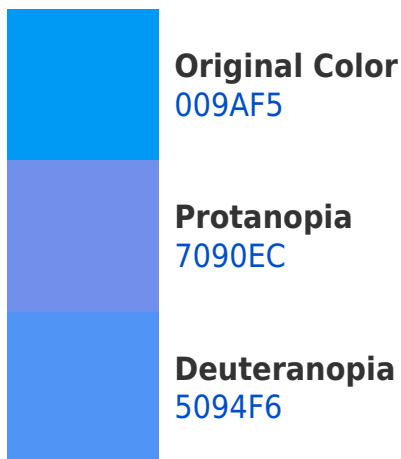


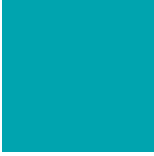
This preview shows how white text looks on a background with the Hex color 009AF5.

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](#).

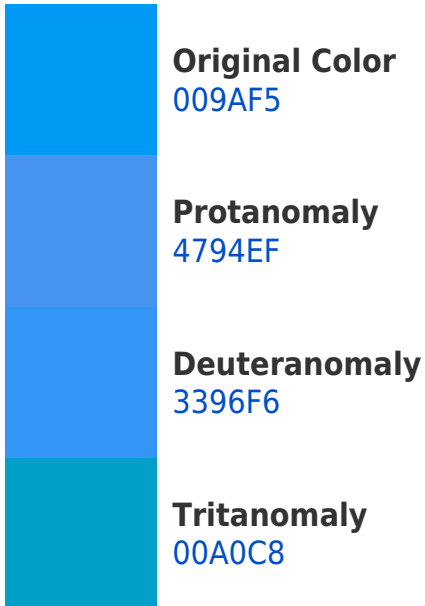
Dichromacy





Tritanopia
00A4AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 009AF5 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 #009AF5 looks like.

```
.text, #text, p{  
    color:#009AF5  
}
```

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 #009AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009AF5
}
```

Border

The CSS property to change the border of an element to Hex 009AF5 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
#009AF5 }
```

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

```
.border{ border-color:#009AF5 }
```

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

Here you see how a box with a 4 pixel #009AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009AF5; -webkit-box-shadow:4px 4px  
4px 4px #009AF5; box-shadow:4px 4px 4px  
4px #009AF5 }
```

Background

The CSS property to change the background color of an element to Hex 009AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009AF5 }
```

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

```
.background{ background-color:#009AF5 }
```

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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