

Converting Colors

Hex(0985F6)

Have a look what the booklet for
Hex(0985F6) contains.

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Color

Hex(0985F6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0985F6 |
| RGB | 9, 133, 246 |
| RGB Percent | 4%, 52%, 96% |
| CMY | 0.9647, 0.4784, 0.0353 |
| CMYK | 0.96, 0.46, 0.00, 0.04 |
| HSL | 209°, 93%, 50% |
| HSV | 209°, 96%, 96% |
| XYZ | 25.1347, 23.4870, 90.3975 |
| YIQ | 108.8060, -110.1770, 8.8550 |

Conversions

Conversions Part 2

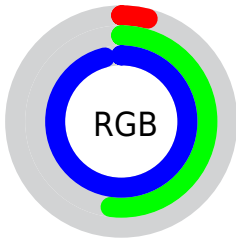
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 9, 90, 246 |
| Decimal | 624118 |
| CIE _{Lab} | 55.57, 12.44, -64.58 |
| CIE _{LCh} | 56, 65.763, 280.904 |
| Yxy | 23.4870, 0.1808, 0.1689 |
| Android (android.graphics.Color) | 4278814198 (0xFF0985F6) |
| YUV | 108.8060, 67.6366, -87.5299 |
| Hunter-Lab | 48.4633, 7.7653, -76.6678 |

Details

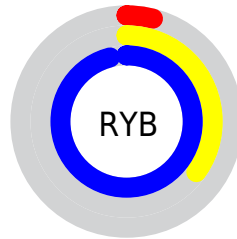
The Hex color **0985F6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F67A09**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6FB9FF**, and **0055BD** is the 20% darker color. If you saturate the color by 10%, you get **0081F6**, and if you desaturate by 10%, it is **2291F6**.

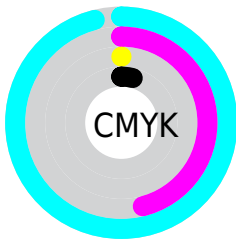
Distribution



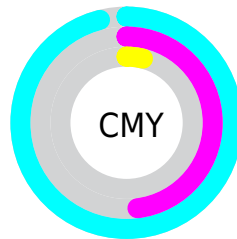
- Red (4%)
- Green (52%)
- Blue (96%)



- Red (4%)
- Yellow (35%)
- Blue (96%)



- Cyan (96%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (48%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0985F6 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 0985F6 by changing the saturation by 10% instead.

 0985F6


 0985F6

FFFFFF

 006CD9

 6FB9FF

 0055BD

 91D5FF

 003EA1

 B1F1FF

 002A86

 D1FFFF

 00186C

 F0FFFF

 000B53

 00063B

 000224

 00000D

■ 0985F6

■ 0985F6

■ 0081F6

■ 2291F6

■ 3A9CF6

■ 53A8F6

■ 6BB4F6

■ 84C0F6

■ 9DCBF6

■ B5D7F6

■ CEE3F6

■ E6EFF6

Harmonies

Analogous

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



0095F1



0985F6



A16CDC

Triad

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



0985F6



DF5B3D



009D5D

Complementary

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



0985F6



F67A09

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.



4C9624



0985F6



BD7501

Square

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



0985F6



EA4973



8D8900



009F99

Rectangle

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



0985F6



CA59BE



8D8900



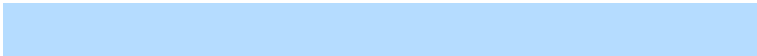
009B4A

Sweetspot

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



0985F6



B5DCFF



09F678



536A80



000000



808080

Same Dimension

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



0985F6



0085FF



0911F6



6E757A



0061BA



001F3B

Inverse Universe

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



F60985



FF0085



F6EE09



7A6E75



BA0061



3B001F

Previews

White Background



This preview shows how the Hex color 0985F6 looks on a white background.

Color Contrast Check

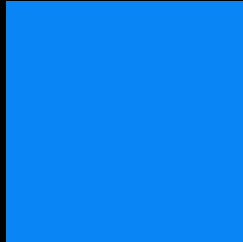
Large Text (above 18pt) WCAG AA ✓ Pass

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 0985F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

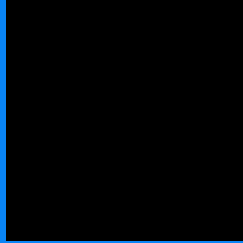
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

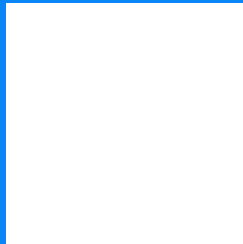
Any Text WCAG AAA × Fail

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

Hex 0985F6 Background



This preview shows how black text looks on a background with the Hex color 0985F6.



This preview shows how white text looks on a background with the Hex color 0985F6.

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
00939D

Trichromacy



Original Color
0985F6

Protanomaly
3482F3

Deuteranomaly
0386F0

Tritanomaly
038EBD

Monochromacy



Original Color
0985F6

Achromatopsia
6D6D6D

Achromatomaly
49769F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0985F6 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 #0985F6 looks like.

```
.text, #text, p{  
    color:#0985F6  
}
```

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 #0985F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0985F6
}
```

Border

The CSS property to change the border of an element to Hex 0985F6 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
#0985F6 }
```

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

```
.border{ border-color:#0985F6 }
```

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

Here you see how a box with a 4 pixel #0985F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0985F6; -webkit-box-shadow:4px 4px  
4px 4px #0985F6; box-shadow:4px 4px 4px  
4px #0985F6 }
```

Background

The CSS property to change the background color of an element to Hex 0985F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0985F6 }
```

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

```
.background{ background-color:#0985F6 }
```

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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