

Converting Colors

Hex(0985E4)

Have a look what the booklet for
Hex(0985E4) contains.

Hex(0985E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0985E4)

Conversions

Conversions Part 1

Format	Color
Hex	0985E4
RGB	9, 133, 228
RGB Percent	4%, 52%, 89%
CMY	0.9647, 0.4784, 0.1059
CMYK	0.96, 0.42, 0.00, 0.11
HSL	206°, 92%, 46%
HSV	206°, 96%, 89%
XYZ	22.5038, 22.4346, 76.5430
YIQ	106.7540, -104.3990, 3.2570

Conversions

Conversions Part 2

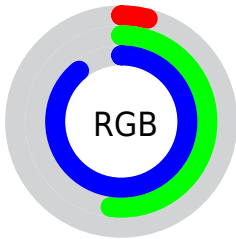
Format	Color
R_{YB}	9, 88, 228
Decimal	624100
CIE _{Lab}	54.49, 5.51, -56.31
CIE _{LCh}	54, 56.575, 275.585
Yxy	22.4346, 0.1852, 0.1847
Android (android.graphics.Color)	4278814180 (0xFF0985E4)
YUV	106.7540, 59.7743, -85.7303
Hunter-Lab	47.3651, 1.9186, -62.6582

Details

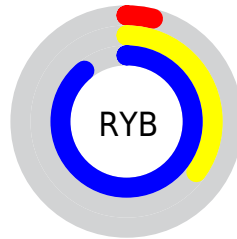
The Hex color **0985E4** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E46809**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BBAFF**, and **0054AC** is the 20% darker color. If you saturate the color by 10%, you get **0081E4**, and if you desaturate by 10%, it is **208FE4**.

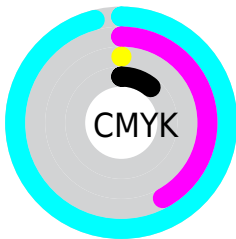
Distribution



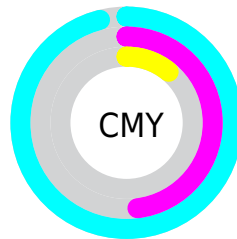
- Red (4%)
- Green (52%)
- Blue (89%)



- Red (4%)
- Yellow (35%)
- Blue (89%)



- Cyan (96%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0985E4 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 0985E4 by changing the saturation by 10% instead.

0985E4

0985E4

FFFFFF

006CC8

6BBAFF

0054AC

8BD5FF

003E91

ABF1FF

002977

CAFFFF

00165D

E9FFFF

000845

00032E

000118

000000

■ 0985E4

■ 0985E4

■ 0081E4

■ 208FE4

■ 3799E4

■ 4DA3E4

■ 64ADE4

■ 7BB6E4

■ 92C0E4

■ A9CAE4

■ BFD4E4

■ D6DEE4

Harmonies

Analogous

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



0092DB



0985E4



9071D2

Triad

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



0985E4



D55D4C



009758

Complementary

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



0985E4



E46809

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.



60902B



0985E4



BB7125

Square

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



0985E4



DA537B



938310



00998A

Rectangle

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



0985E4



B663BA



938310



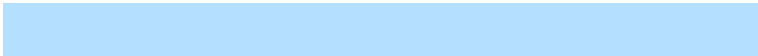
2C9548

Sweetspot

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



0985E4



B5DFFF



09E468



536C80



000000



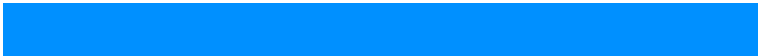
808080

Same Dimension

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



0985E4



0090FF



0918E4



676E73



0065B3



001D33

Inverse Universe

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



E40985



FF0090



E4D509



73676E



B30065



33001D

Previews

White Background



This preview shows how the Hex color 0985E4 looks on a white background.

Color Contrast Check

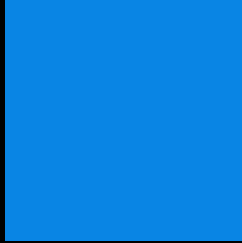
Large Text (above 18pt) WCAG AA ✓ Pass

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 0985E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

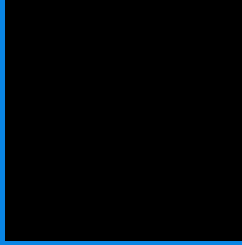
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

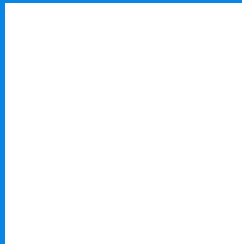
Any Text WCAG AAA × Fail

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

Hex 0985E4 Background



This preview shows how black text looks on a background with the Hex color 0985E4.



This preview shows how white text looks on a background with the Hex color 0985E4.

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](#).

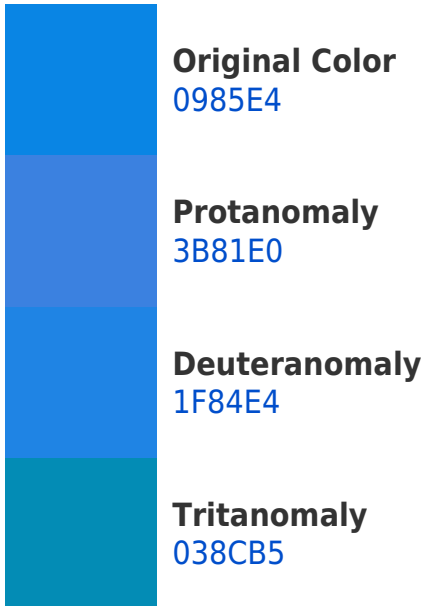
Dichromacy



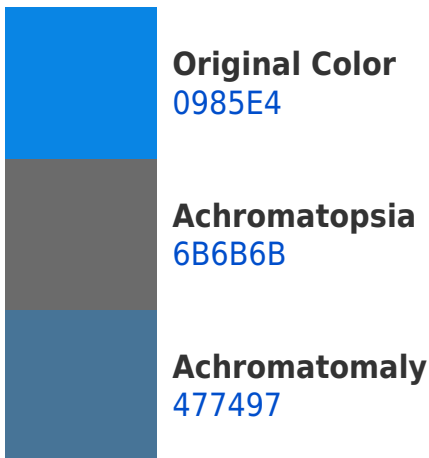


Tritanopia
00909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0985E4 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 #0985E4 looks like.

```
.text, #text, p{  
    color:#0985E4  
}
```

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 #0985E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0985E4
}
```

Border

The CSS property to change the border of an element to Hex 0985E4 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
#0985E4 }
```

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

```
.border{ border-color:#0985E4 }
```

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

Here you see how a box with a 4 pixel #0985E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0985E4; -webkit-box-shadow:4px 4px  
4px 4px #0985E4; box-shadow:4px 4px 4px  
4px #0985E4 }
```

Background

The CSS property to change the background color of an element to Hex 0985E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0985E4 }
```

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

```
.background{ background-color:#0985E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor