

# Converting Colors

Hex(4999E8)

Have a look what the booklet for  
Hex(4999E8) contains.

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# **Color**

**Hex(4999E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4999E8
RGB	73, 153, 232
RGB Percent	29%, 60%, 91%
CMY	0.7137, 0.4000, 0.0902
CMYK	0.69, 0.34, 0.00, 0.09
HSL	210°, 78%, 60%
HSV	210°, 69%, 91%
XYZ	28.7044, 30.0251, 80.6265
YIQ	138.0860, -73.0390, 7.6090

# Conversions

## Conversions Part 2

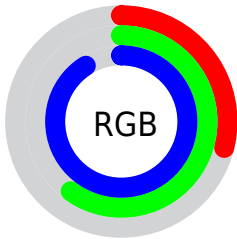
Format	Color
R <sub>Y</sub> B	73, 126, 232
Decimal	4823528
CIE Lab	61.68, 0.65, -47.02
CIE LCh	62, 47.021, 270.791
Yxy	30.0251, 0.2060, 0.2155
Android (android.graphics.Color)	4283013608 (0xFF4999E8)
YUV	138.0860, 46.2996, -57.0804
Hunter-Lab	54.7952, -2.3846, -48.8836

# Details

The Hex color **4999E8** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E89849**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89CFFF**, and **0066B0** is the 20% darker color. If you saturate the color by 10%, you get **328DE8**, and if you desaturate by 10%, it is **60A5E8**.

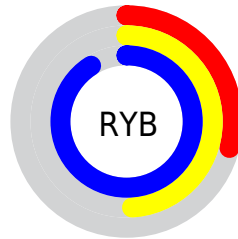
# Distribution



Red (29%)

Green (60%)

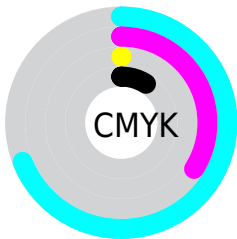
Blue (91%)



Red (29%)

Yellow (49%)

Blue (91%)

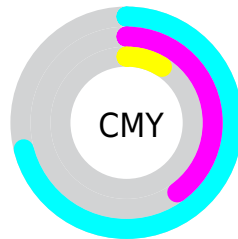


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (40%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4999E8 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 4999E8 by changing the saturation by 10% instead.



■ 4999E8

■ 4999E8

FFFFFF

■ 1E7FCC

■ 89CFFF

■ 0066B0

■ A8EBFF

■ 004F95

■ C6FFFF

■ 00397B

■ E4FFFF

■ 002461

■ 000E49

■ 000432

■ 00011C

■ 000000

■ 4999E8

■ 4999E8

■ 328DE8

■ 60A5E8

■ 1B82E8

■ 77B0E8

■ 0376E8

■ 8FBCE8

■ 0075E8

■ A6C7E8

■ BDD3E8

■ D4DEE8

■ EBAAE8

■ FFF5E8

■ FFFF8

# Harmonies

## Analogous

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



00A4DD



4999E8



998ADD

# Triad

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



4999E8



E1766D



4BA76B

# Complementary

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



4999E8



E89849

# 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.



829F4A



4999E8



CD844D

# Square

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



4999E8



E17196



AC933F



00AA95

# Rectangle

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



4999E8



BC7FCA



AC933F



60A55E

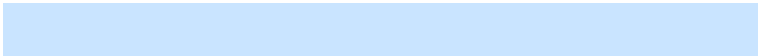


# Sweetspot

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



4999E8



C9E4FF



49E896



607080



000000



808080



# Same Dimension

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



4999E8



2E97FF



494CE8



676D73



005AB3



001A33



# Inverse Universe

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



E84999



FF2E97



E8E549



73676D



B3005A

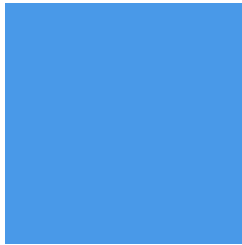


33001A



# Previews

## White Background



This preview shows how the Hex color 4999E8 looks on a white background.

## Color Contrast Check

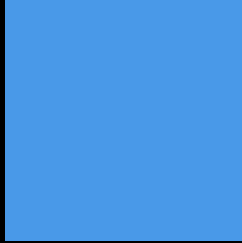
Large Text (above 18pt) WCAG AA ✓ Pass

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 4999E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

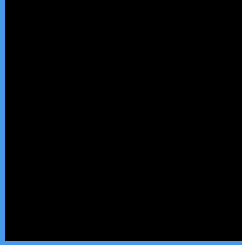
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

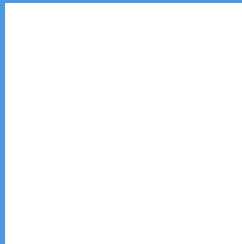
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4999E8 Background



This preview shows how black text looks on a background with the Hex color 4999E8.



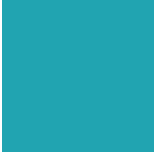
This preview shows how white text looks on a background with the Hex color 4999E8.

# 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



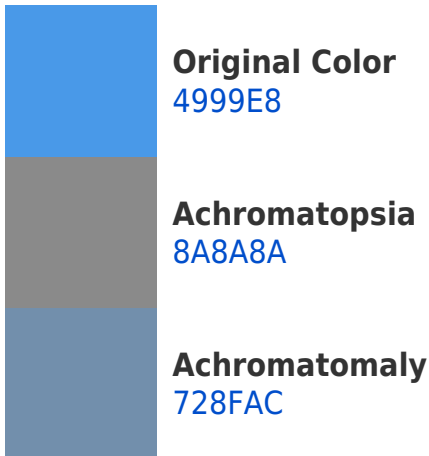


**Tritanopia**  
21A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4999E8 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 #4999E8 looks like.

```
.text, #text, p{  
    color:#4999E8  
}
```

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 #4999E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4999E8
}
```

## Border

The CSS property to change the border of an element to Hex 4999E8 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
#4999E8 }
```

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

```
.border{ border-color:#4999E8 }
```

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

Here you see how a box with a 4 pixel #4999E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4999E8; -webkit-box-shadow:4px 4px  
4px 4px #4999E8; box-shadow:4px 4px 4px  
4px #4999E8 }
```

# Background

The CSS property to change the background color of an element to Hex 4999E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4999E8 }
```

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

```
.background{ background-color:#4999E8 }
```

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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