

# Converting Colors

Hex(2E98EC)

Have a look what the booklet for  
Hex(2E98EC) contains.

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# Color

Hex(2E98EC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E98EC
RGB	46, 152, 236
RGB Percent	18%, 60%, 93%
CMY	0.8196, 0.4039, 0.0745
CMYK	0.81, 0.36, 0.00, 0.07
HSL	207°, 83%, 55%
HSV	207°, 81%, 93%
XYZ	27.4953, 29.0934, 83.5233
YIQ	129.8820, -90.1400, 3.6520

# Conversions

## Conversions Part 2

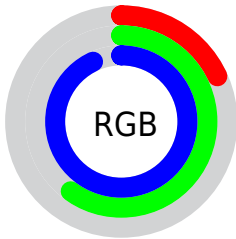
<b>Format</b>	<b>Color</b>
RYP	46, 114, 236
Decimal	3053804
CIELab	60.86, -0.63, -50.56
CIElCh	61, 50.562, 269.287
Yxy	29.0934, 0.1962, 0.2076
Android (android.graphics.Color)	4281243884 (0xFF2E98EC)
YUV	129.8820, 52.3162, -73.5645
Hunter-Lab	53.9383, -3.4010, -54.0535

# Details

The Hex color **2E98EC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EC822E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **79CEFF**, and **0066B4** is the 20% darker color. If you saturate the color by 10%, you get **168EEC**, and if you desaturate by 10%, it is **46A2EC**.

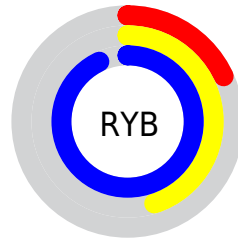
# Distribution



Red (18%)

Green (60%)

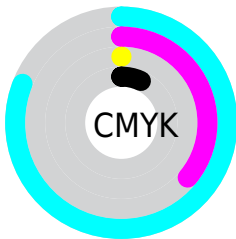
Blue (93%)



Red (18%)

Yellow (45%)

Blue (93%)

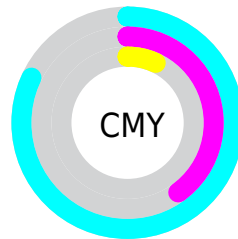


Cyan (81%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (40%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E98EC 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 2E98EC by changing the saturation by 10% instead.



 2E98EC

 2E98EC


FFFFFF

 007ECF

 79CEFF

 0066B4

 99EAFF

 004E98

 B8FFFF

 00387E

 D7FFFF

 002365

 F6FFFF

 000D4C

 000534

 00021E

 000001

■ 2E98EC

■ 2E98EC

■ 168EEC

■ 46A2EC

■ 0084EC

■ 5DADEC

■ 75B7EC

■ 8CC2EC

■ A4CCEC

■ BCD7EC

■ D3E1EC

■ EBEBEC

■ FFF6EC

# Harmonies

## Analogous

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



00A3DF



2E98EC



9388E1

# Triad

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



2E98EC



E3706A



44A563

# Complementary

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



2E98EC



EC822E

# 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.



809D41



2E98EC



CF8046

# Square

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



2E98EC



E36C96



AD9035



00A990

# Rectangle

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



2E98EC



BA7BCE



AD9035



5BA356

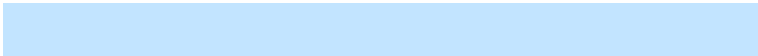


# Sweetspot

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



2E98EC



C2E4FF



2EEC80



5B6F80



000000



808080

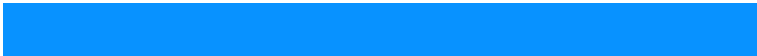


# Same Dimension

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



2E98EC



0892FF



2E3BEC



6A7075



0065B5



001E36



# Inverse Universe

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



EC2E98



FF0892



ECDF2E



756A70



B50065



36001E



# Previews

## White Background



This preview shows how the Hex color 2E98EC looks on a white background.

## Color Contrast Check

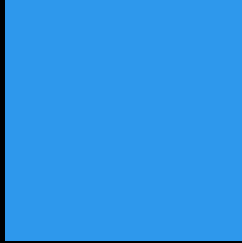
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E98EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

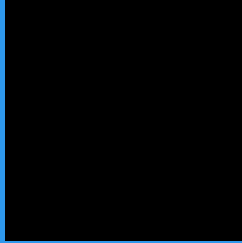
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

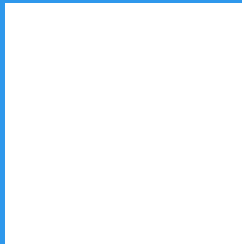
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E98EC Background



This preview shows how black text looks on a background with the Hex color 2E98EC.

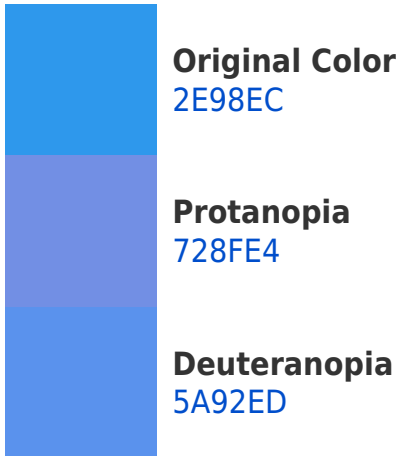


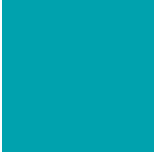
This preview shows how white text looks on a background with the Hex color 2E98EC.

# 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](#).

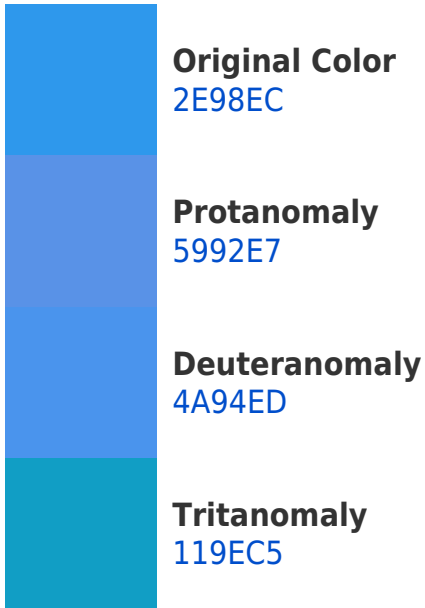
## Dichromacy





**Tritanopia**  
00A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E98EC 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 #2E98EC looks like.

```
.text, #text, p{
  color:#2E98EC
}
```

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 #2E98EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E98EC
}
```

## Border

The CSS property to change the border of an element to Hex 2E98EC 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
#2E98EC }
```

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

```
.border{ border-color:#2E98EC }
```

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

Here you see how a box with a 4 pixel #2E98EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E98EC; -webkit-box-shadow:4px 4px  
4px 4px #2E98EC; box-shadow:4px 4px 4px  
4px #2E98EC }
```

# Background

The CSS property to change the background color of an element to Hex 2E98EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E98EC }
```

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

```
.background{ background-color:#2E98EC }
```

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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