

Converting Colors

Hex(2E97EA)

Have a look what the booklet for
Hex(2E97EA) contains.

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Color

Hex(2E97EA)

Conversions

Conversions Part 1

Format	Color
Hex	2E97EA
RGB	46, 151, 234
RGB Percent	18%, 59%, 92%
CMY	0.8196, 0.4078, 0.0824
CMYK	0.80, 0.35, 0.00, 0.08
HSL	206°, 82%, 55%
HSV	206°, 80%, 92%
XYZ	27.0446, 28.6546, 81.9474
YIQ	129.0670, -89.2230, 3.5530

Conversions

Conversions Part 2

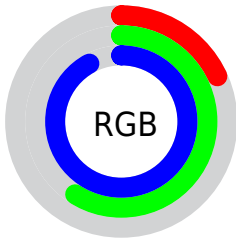
Format	Color
R_{YB}	46, 113, 234
Decimal	3053546
CIE _{Lab}	60.48, -0.77, -50.07
CIE _{LCh}	60, 50.075, 269.118
Yxy	28.6546, 0.1965, 0.2082
Android (android.graphics.Color)	4281243626 (0xFF2E97EA)
YUV	129.0670, 51.7320, -72.8498
Hunter-Lab	53.5300, -3.4950, -53.2943

Details

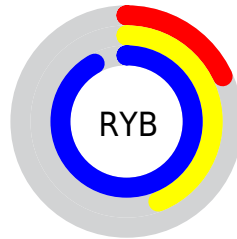
The Hex color **2E97EA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EA812E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **79CDFF**, and **0065B2** is the 20% darker color. If you saturate the color by 10%, you get **178DEA**, and if you desaturate by 10%, it is **45A1EA**.

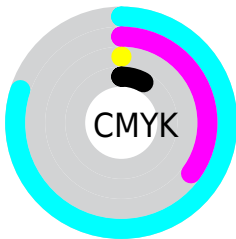
Distribution



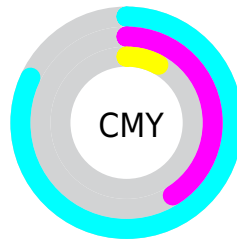
- Red (18%)
- Green (59%)
- Blue (92%)



- Red (18%)
- Yellow (44%)
- Blue (92%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)



- Cyan (82%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E97EA 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 2E97EA by changing the saturation by 10% instead.

 2E97EA

 2E97EA

FFFFFF

 007DCE

 79CDFF

 0065B2

 98E9FF

 004D97

 B7FFFF

 00377C

 D6FFFF

 002363

 F5FFFF

 000B4B

 000433

 00021D

 000000

■ 2E97EA

■ 2E97EA

■ 178DEA

■ 45A1EA

■ 0083EA

■ 5DACEA

■ 74B6EA

■ 8CC0EA

■ A3CBEA

■ BAD5EA

■ D2DFEA

■ E9EAEA

■ FFF4EA

Harmonies

Analogous

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



00A2DD



2E97EA



9187DF

Triad

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



2E97EA



E27069



45A463

Complementary

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



2E97EA



EA812E

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.



809C40



2E97EA



CE7F46

Square

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



2E97EA



E16B95



AC8F35



00A88F

Rectangle

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



2E97EA



B87BCC



AC8F35



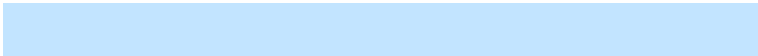
5BA256

Sweetspot

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



2E97EA



C2E4FF



2EEA7F



5B6F80



000000



808080

Same Dimension

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



2E97EA



0A93FF



2E3BEA



6A7075



0065B5



001E36

Inverse Universe

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



EA2E97



FF0A93



EADD2E



756A70



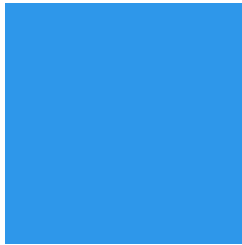
B50065



36001E

Previews

White Background



This preview shows how the Hex color 2E97EA looks on a white background.

Color Contrast Check

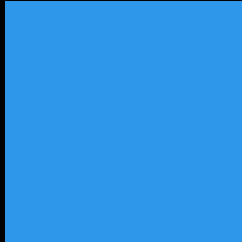
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E97EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

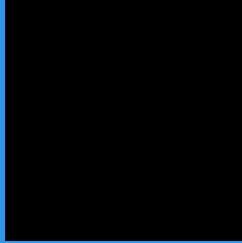
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

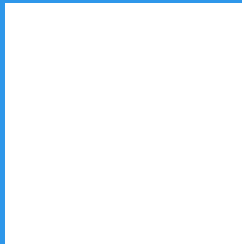
Any Text WCAG AAA × Fail

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

Hex 2E97EA Background



This preview shows how black text looks on a background with the Hex color 2E97EA.



This preview shows how white text looks on a background with the Hex color 2E97EA.

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](#).

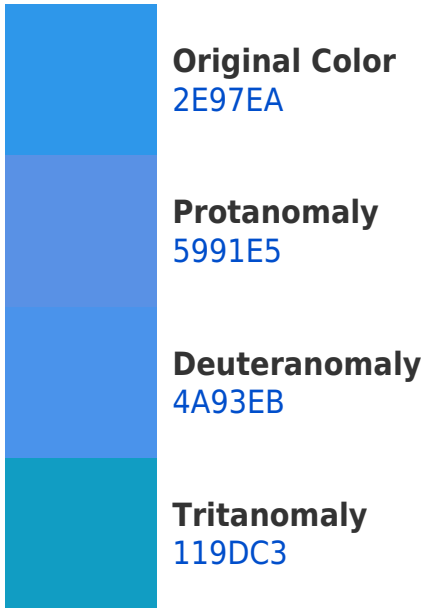
Dichromacy



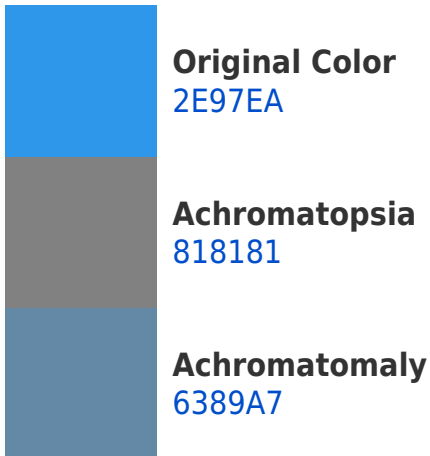


Tritanopia
00A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E97EA 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 #2E97EA looks like.

```
.text, #text, p{  
    color:#2E97EA  
}
```

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 #2E97EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E97EA
}
```

Border

The CSS property to change the border of an element to Hex 2E97EA 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
#2E97EA }
```

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

```
.border{ border-color:#2E97EA }
```

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

Here you see how a box with a 4 pixel #2E97EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E97EA; -webkit-box-shadow:4px 4px  
4px 4px #2E97EA; box-shadow:4px 4px 4px  
4px #2E97EA }
```

Background

The CSS property to change the background color of an element to Hex 2E97EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E97EA }
```

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

```
.background{ background-color:#2E97EA }
```

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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