

Converting Colors

Hex(2E91E6)

Have a look what the booklet for
Hex(2E91E6) contains.

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Color

Hex(2E91E6)

Conversions

Conversions Part 1

Format	Color
Hex	2E91E6
RGB	46, 145, 230
RGB Percent	18%, 57%, 90%
CMY	0.8196, 0.4314, 0.0980
CMYK	0.80, 0.37, 0.00, 0.10
HSL	208°, 79%, 54%
HSV	208°, 80%, 90%
XYZ	25.5350, 26.5448, 78.6407
YIQ	125.0890, -86.2890, 5.4470

Conversions

Conversions Part 2

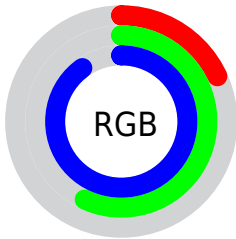
Format	Color
R _Y B	46, 110, 230
Decimal	3052006
CIE Lab	58.55, 1.29, -50.91
CIE LCh	59, 50.924, 271.451
Yxy	26.5448, 0.1953, 0.2031
Android (android.graphics.Color)	4281242086 (0xFF2E91E6)
YUV	125.0890, 51.7211, -69.3611
Hunter-Lab	51.5217, -1.6952, -54.4329

Details

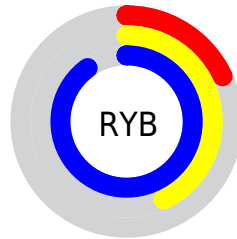
The Hex color **2E91E6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E6832E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78C6FF**, and **005FAE** is the 20% darker color. If you saturate the color by 10%, you get **1786E6**, and if you desaturate by 10%, it is **459CE6**.

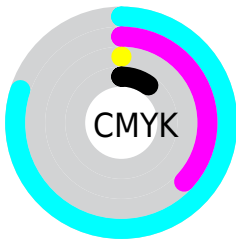
Distribution



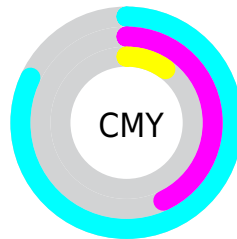
- Red (18%)
- Green (57%)
- Blue (90%)



- Red (18%)
- Yellow (43%)
- Blue (90%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E91E6 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 2E91E6 by changing the saturation by 10% instead.

■ 2E91E6

■ 2E91E6

FFFFFF

■ 0078CA

■ 78C6FF

■ 005FAE

■ 97E2FF

■ 004893

■ B6FFFF

■ 003279

■ D5FFFF

■ 001E5F

■ F4FFFF

■ 000847

■ 000430

■ 00011A

■ 000000

■ 2E91E6

■ 2E91E6

■ 1786E6

■ 459CE6

■ 007CE6

■ 5CA6E6

■ 73B1E6

■ 8ABCE6

■ A1C6E6

■ B8D1E6

■ CFDBE6

■ E6E6E6

■ FDF1E6

Harmonies

Analogous

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



009CDB



2E91E6



9180D9

Triad

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



2E91E6



DC6B61



369F60

Complementary

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



2E91E6



E6832E

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.



76983C



2E91E6



C77B3E

Square

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



2E91E6



DD658C



A38B2E



00A38E

Rectangle

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



2E91E6



B774C5



A38B2E



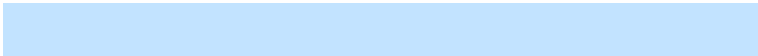
509D53

Sweetspot

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



2E91E6



C2E3FF



2EE681



5B6E80



000000



808080

Same Dimension

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



2E91E6



0A8EFF



2E37E6



676D73



0060B3



001B33

Inverse Universe

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



E62E91



FF0A8E



E6DD2E



73676D



B30060



33001B

Previews

White Background



This preview shows how the Hex color 2E91E6 looks on a white background.

Color Contrast Check

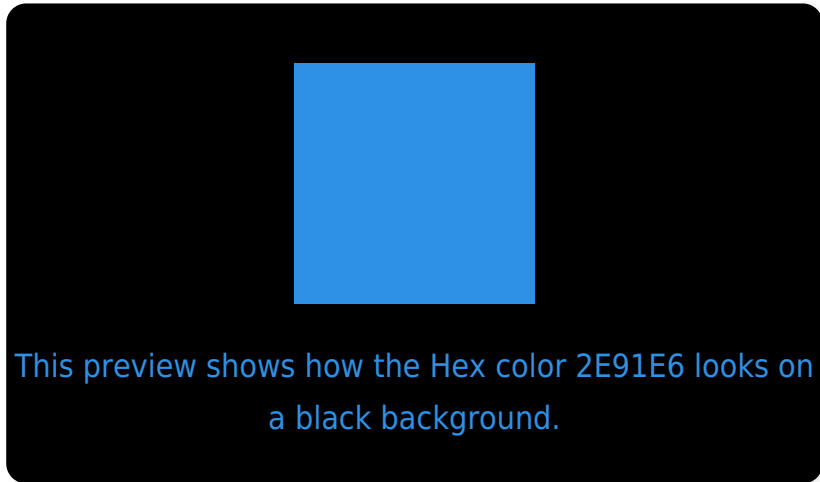
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

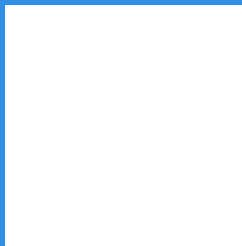
Any Text WCAG AAA × Fail

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

Hex 2E91E6 Background



This preview shows how black text looks on a background with the Hex color 2E91E6.

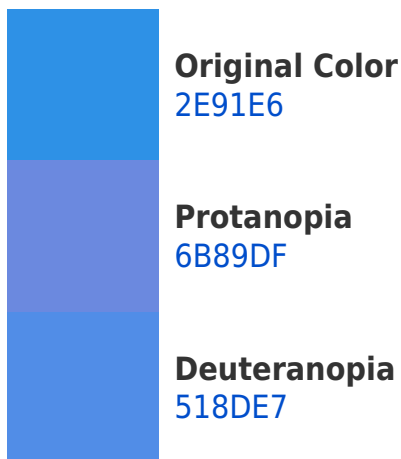


This preview shows how white text looks on a background with the Hex color 2E91E6.

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](#).

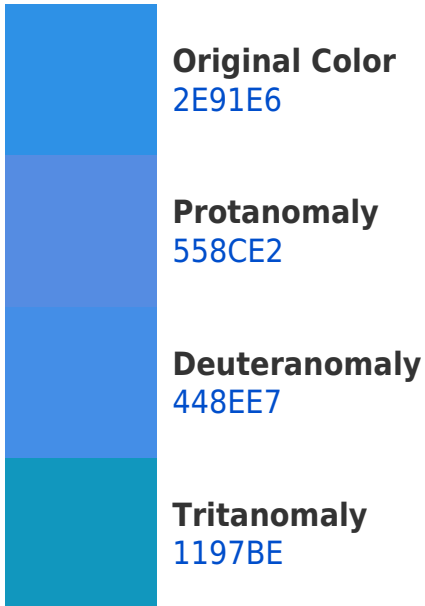
Dichromacy





Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E91E6 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 #2E91E6 looks like.

```
.text, #text, p{  
    color:#2E91E6  
}
```

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 #2E91E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E91E6
}
```

Border

The CSS property to change the border of an element to Hex 2E91E6 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
#2E91E6 }
```

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

```
.border{ border-color:#2E91E6 }
```

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

Here you see how a box with a 4 pixel #2E91E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E91E6; -webkit-box-shadow:4px 4px  
4px 4px #2E91E6; box-shadow:4px 4px 4px  
4px #2E91E6 }
```

Background

The CSS property to change the background color of an element to Hex 2E91E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E91E6 }
```

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

```
.background{ background-color:#2E91E6 }
```

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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