

Converting Colors

Hex(2E81E1)

Have a look what the booklet for
Hex(2E81E1) contains.

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Color

Hex(2E81E1)

Conversions

Conversions Part 1

Format	Color
Hex	2E81E1
RGB	46, 129, 225
RGB Percent	18%, 51%, 88%
CMY	0.8196, 0.4941, 0.1176
CMYK	0.80, 0.43, 0.00, 0.12
HSL	212°, 75%, 53%
HSV	212°, 80%, 88%
XYZ	22.5676, 21.7176, 74.2366
YIQ	115.1270, -80.2840, 12.2600

Conversions

Conversions Part 2

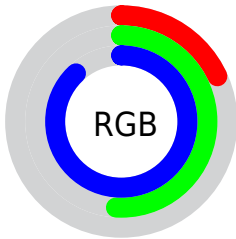
Format	Color
R _Y B	46, 103, 225
Decimal	3047905
CIE Lab	53.73, 9.07, -55.81
CIE LCh	54, 56.543, 279.230
Yxy	21.7176, 0.1904, 0.1832
Android (android.graphics.Color)	4281237985 (0xFF2E81E1)
YUV	115.1270, 54.1674, -60.6244
Hunter-Lab	46.6021, 4.8867, -61.8267

Details

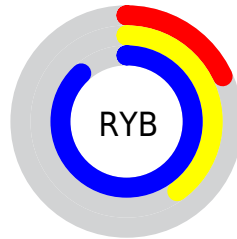
The Hex color **2E81E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E18E2E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **77B5FF**, and **0051A9** is the 20% darker color. If you saturate the color by 10%, you get **1875E1**, and if you desaturate by 10%, it is **448DE1**.

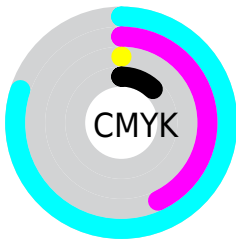
Distribution



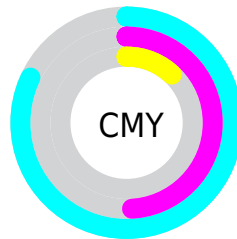
- Red (18%)
- Green (51%)
- Blue (88%)



- Red (18%)
- Yellow (40%)
- Blue (88%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E81E1 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 2E81E1 by changing the saturation by 10% instead.

■ 2E81E1

■ 2E81E1

FFFFFF

■ 0068C5

■ 77B5FF

■ 0051A9

■ 96D1FF

■ 003A8E

■ B5EDFF

■ 002674

■ D3FFFF

■ 00125B

■ F2FFFF

■ 000742

■ 00032B

■ 000116

■ 000000

■ 2E81E1

■ 2E81E1

■ 1875E1

■ 448DE1

■ 0169E1

■ 5B99E1

■ 0068E1

■ 72A5E1

■ 88B1E1

■ 9FBDE1

■ B5C9E1

■ CBD5E1

■ E2E2E1

■ F8EEE1

Harmonies

Analogous

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



008FDB



2E81E1



966DCC

Triad

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



2E81E1



D05D45



00955C

Complementary

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



2E81E1



E18E2E

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.



568F2E



2E81E1



B4711F

Square

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



2E81E1



D85173



8B830F



00978F

Rectangle

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



2E81E1



BA5EB3



8B830F



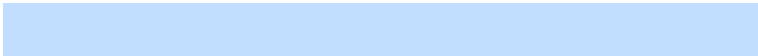
17934C

Sweetspot

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



2E81E1



C2DEFF



2EE18D



5B6C80



000000



808080

Same Dimension

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



2E81E1



0D7DFF



342EE1



656A70



0052B0



001630

Inverse Universe

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



E12E81



FF0D7D



DBE12E



70656A



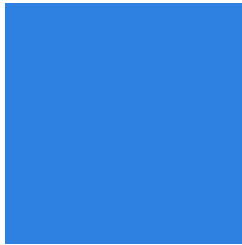
B00052



300016

Previews

White Background



This preview shows how the Hex color 2E81E1 looks on a white background.

Color Contrast Check

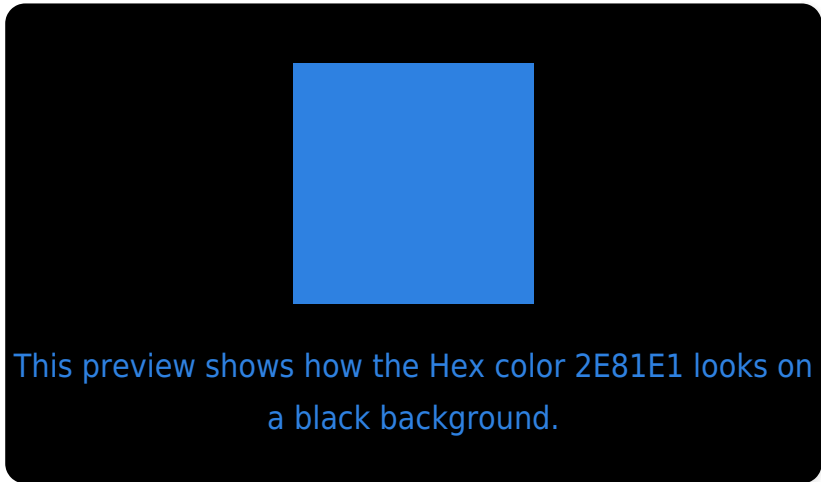
Large Text (above 18pt) WCAG AA ✓ Pass

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

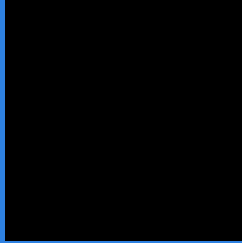
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

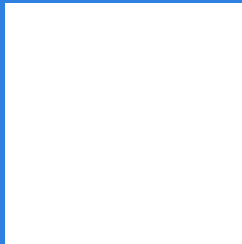
Any Text WCAG AAA × Fail

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

Hex 2E81E1 Background



This preview shows how black text looks on a background with the Hex color 2E81E1.

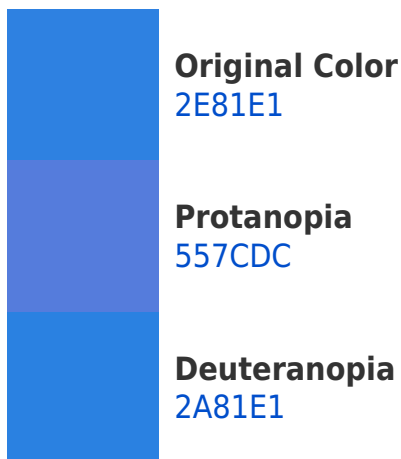


This preview shows how white text looks on a background with the Hex color 2E81E1.

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
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E81E1 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 #2E81E1 looks like.

```
.text, #text, p{  
    color:#2E81E1  
}
```

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 #2E81E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E81E1
}
```

Border

The CSS property to change the border of an element to Hex 2E81E1 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
#2E81E1 }
```

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

```
.border{ border-color:#2E81E1 }
```

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

Here you see how a box with a 4 pixel #2E81E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E81E1; -webkit-box-shadow:4px 4px  
4px 4px #2E81E1; box-shadow:4px 4px 4px  
4px #2E81E1 }
```

Background

The CSS property to change the background color of an element to Hex 2E81E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E81E1 }
```

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

```
.background{ background-color:#2E81E1 }
```

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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