

Converting Colors

Hex(2E80E3)

Have a look what the booklet for
Hex(2E80E3) contains.

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Color

Hex(2E80E3)

Conversions

Conversions Part 1

Format	Color
Hex	2E80E3
RGB	46, 128, 227
RGB Percent	18%, 50%, 89%
CMY	0.8196, 0.4980, 0.1098
CMYK	0.80, 0.44, 0.00, 0.11
HSL	213°, 76%, 54%
HSV	213°, 80%, 89%
XYZ	22.7110, 21.5652, 75.6386
YIQ	114.7680, -80.6510, 13.4050

Conversions

Conversions Part 2

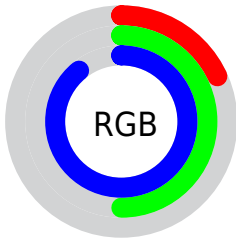
Format	Color
R _Y B	46, 102, 227
Decimal	3047651
CIE Lab	53.56, 10.43, -57.19
CIE LCh	54, 58.137, 280.333
Yxy	21.5652, 0.1894, 0.1798
Android (android.graphics.Color)	4281237731 (0xFF2E80E3)
YUV	114.7680, 55.3304, -60.3095
Hunter-Lab	46.4384, 6.0295, -64.0643

Details

The Hex color **2E80E3** 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 **E3912E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **77B4FF**, and **0050AB** is the 20% darker color. If you saturate the color by 10%, you get **1774E3**, and if you desaturate by 10%, it is **458CE3**.

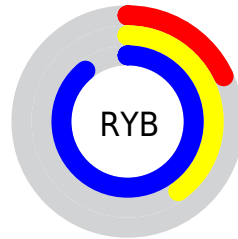
Distribution



Red (18%)

Green (50%)

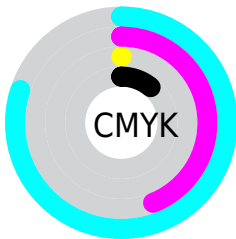
Blue (89%)



Red (18%)

Yellow (40%)

Blue (89%)

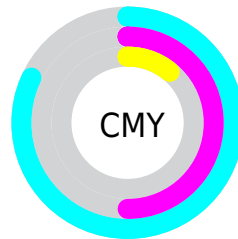


Cyan (80%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (50%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E80E3 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 2E80E3 by changing the saturation by 10% instead.

 2E80E3

 2E80E3

FFFFFF

 0067C7

 77B4FF

 0050AB

 97D0FF

 003A90

 B5ECFF

 002576

 D4FFFF

 00115C

 F3FFFF

 000744

 00032D

 000117

 000000

■ 2E80E3

■ 2E80E3

■ 1774E3

■ 458CE3

■ 0167E3

■ 5B99E3

■ 0067E3

■ 72A5E3

■ 89B2E3

■ A0BEE3

■ B6CAE3

■ CDD7E3

■ E4E3E3

■ FAF0E3

Harmonies

Analogous

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



008EDE



2E80E3



986BCD

Triad

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



2E80E3



D15C41



00955C

Complementary

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



2E80E3



E3912E

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.



528F2D



2E80E3



B37119

Square

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



2E80E3



DA4E71



898306



009890

Rectangle

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



2E80E3



BC5CB2



898306



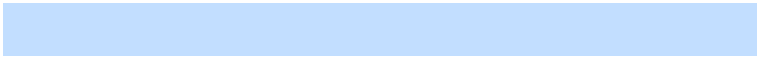
00944C

Sweetspot

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



2E80E3



C2DEFF



2EE38F



5B6B80



000000



808080

Same Dimension

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



2E80E3



0A79FF



342EE3



676C73



0051B3



001733

Inverse Universe

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



E32E80



FF0A79



DDE32E



73676C



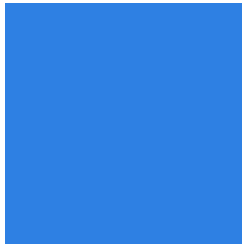
B30051



330017

Previews

White Background



This preview shows how the Hex color 2E80E3 looks on a white background.

Color Contrast Check

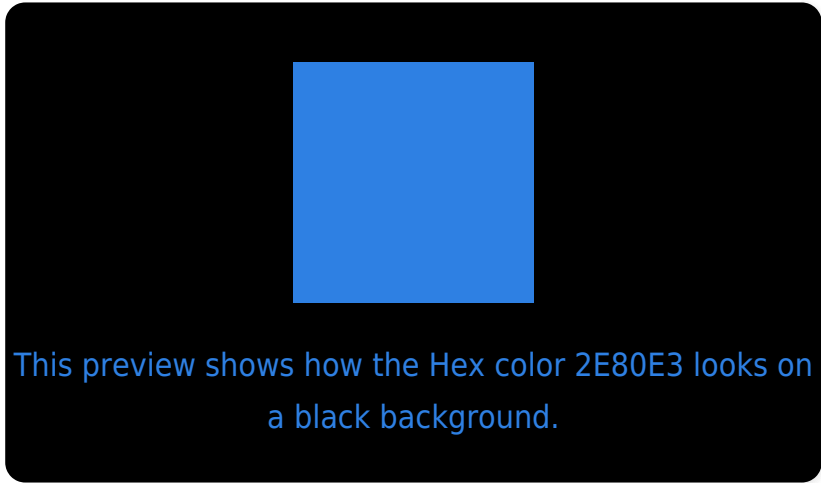
Large Text (above 18pt) WCAG AA ✓ Pass

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

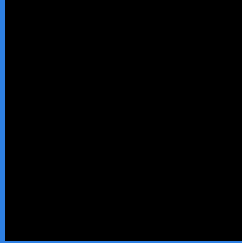
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

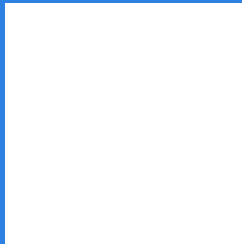
Any Text WCAG AAA × Fail

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

Hex 2E80E3 Background



This preview shows how black text looks on a background with the Hex color 2E80E3.



This preview shows how white text looks on a background with the Hex color 2E80E3.

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](#).

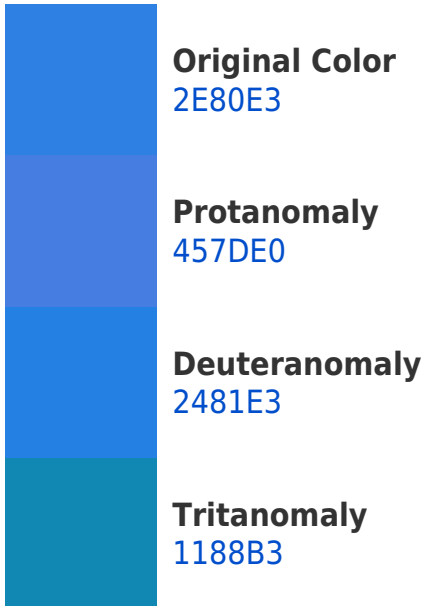
Dichromacy





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E80E3 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 #2E80E3 looks like.

```
.text, #text, p{  
    color:#2E80E3  
}
```

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 #2E80E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E80E3
}
```

Border

The CSS property to change the border of an element to Hex 2E80E3 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
#2E80E3 }
```

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

```
.border{ border-color:#2E80E3 }
```

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

Here you see how a box with a 4 pixel #2E80E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E80E3; -webkit-box-shadow:4px 4px  
4px 4px #2E80E3; box-shadow:4px 4px 4px  
4px #2E80E3 }
```

Background

The CSS property to change the background color of an element to Hex 2E80E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E80E3 }
```

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

```
.background{ background-color:#2E80E3 }
```

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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