

Converting Colors

Hex(2EA3E1)

Have a look what the booklet for
Hex(2EA3E1) contains.

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Color

Hex(2EA3E1)

Conversions

Conversions Part 1

Format	Color
Hex	2EA3E1
RGB	46, 163, 225
RGB Percent	18%, 64%, 88%
CMY	0.8196, 0.3608, 0.1176
CMYK	0.80, 0.28, 0.00, 0.12
HSL	201°, 75%, 53%
HSV	201°, 80%, 88%
XYZ	27.8145, 32.2115, 75.9856
YIQ	135.0850, -89.6340, -5.5220

Conversions

Conversions Part 2

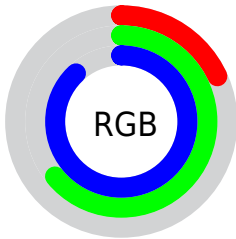
Format	Color
R _Y B	46, 117, 225
Decimal	3056609
CIE Lab	63.52, -10.79, -40.30
CIE LCh	64, 41.721, 255.011
Yxy	32.2115, 0.2045, 0.2368
Android (android.graphics.Color)	4281246689 (0xFF2EA3E1)
YUV	135.0850, 44.3281, -78.1275
Hunter-Lab	56.7552, -11.8424, -39.6508

Details

The Hex color **2EA3E1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E16C2E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **77DAFF**, and **0070A9** is the 20% darker color. If you saturate the color by 10%, you get **189BE1**, and if you desaturate by 10%, it is **44ABE1**.

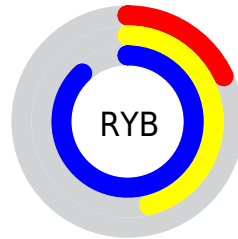
Distribution



Red (18%)

Green (64%)

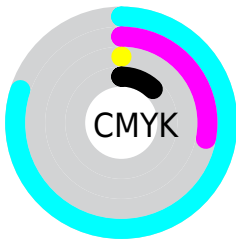
Blue (88%)



Red (18%)

Yellow (46%)

Blue (88%)

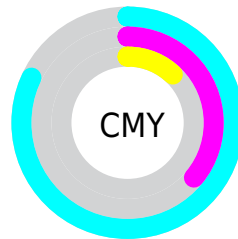


Cyan (80%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (82%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EA3E1 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 2EA3E1 by changing the saturation by 10% instead.

 2EA3E1

 2EA3E1


FFFFFF

 0089C5

 77DAFF

 0070A9

 97F6FF

 00578F

 B6FFFF

 004075

 D4FFFF

 002A5C

 F3FFFF

 001744

 00032D

 000117

 000000

■ 2EA3E1

■ 2EA3E1

■ 189BE1

■ 44ABE1

■ 0193E1

■ 5BB3E1

■ 0093E1

■ 72BAE1

■ 88C2E1

■ 9FCAE1

■ B5D2E1

■ CBDAE1

■ E2E1E1

■ F8E9E1

Harmonies

Analogous

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



00AACD



2EA3E1



8097E1

Triad

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



2EA3E1



E17C88



75A764

Complementary

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



2EA3E1



E16C2E

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.



9F9E50



2EA3E1



D98467

Square

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



2EA3E1



D67EAE



C19152



3FAC85

Rectangle

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



2EA3E1



A58ED7



C19152



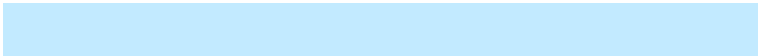
84A45B

Sweetspot

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



2EA3E1



C2EAFF



2EE16A



5B7380



000000



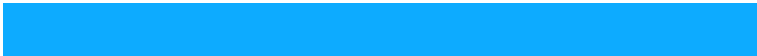
808080

Same Dimension

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



2EA3E1



0DABFF



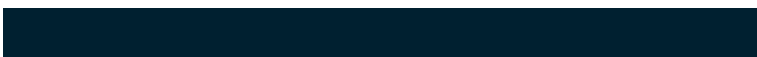
2E4CE1



656C70



0073B0



002030

Inverse Universe

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



E12EA3



FF0DAB



E1C32E



70656C



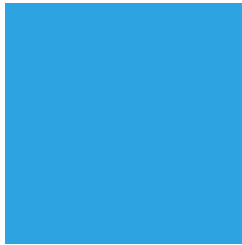
B00073



300020

Previews

White Background



This preview shows how the Hex color 2EA3E1 looks on a white background.

Color Contrast Check

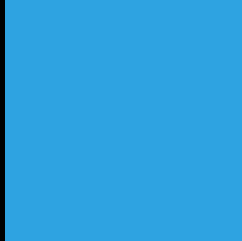
Large Text (above 18pt) WCAG AA × Fail

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 2EA3E1 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

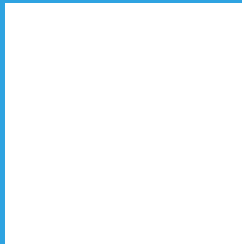
Any Text WCAG AAA ✓ Pass

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

Hex 2EA3E1 Background



This preview shows how black text looks on a background with the Hex color 2EA3E1.



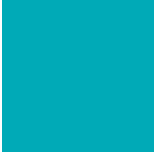
This preview shows how white text looks on a background with the Hex color 2EA3E1.

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](#).

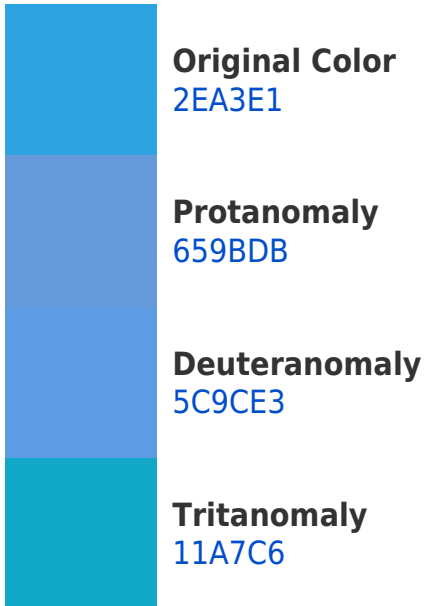
Dichromacy



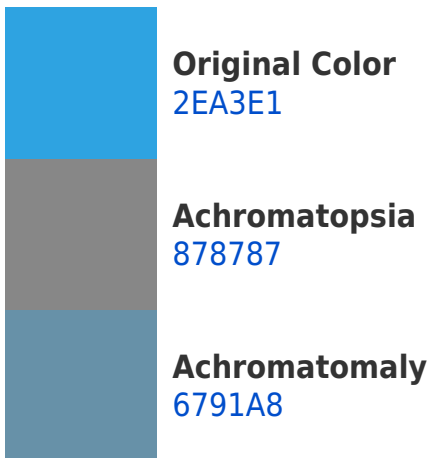


Tritanopia
00AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EA3E1 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 #2EA3E1 looks like.

```
.text, #text, p{  
    color:#2EA3E1  
}
```

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 #2EA3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA3E1
}
```

Border

The CSS property to change the border of an element to Hex 2EA3E1 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
#2EA3E1 }
```

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

```
.border{ border-color:#2EA3E1 }
```

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

Here you see how a box with a 4 pixel #2EA3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA3E1; -webkit-box-shadow:4px 4px  
4px 4px #2EA3E1; box-shadow:4px 4px 4px  
4px #2EA3E1 }
```

Background

The CSS property to change the background color of an element to Hex 2EA3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA3E1 }
```

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

```
.background{ background-color:#2EA3E1 }
```

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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