

Converting Colors

Hex(2EC5E8)

Have a look what the booklet for
Hex(2EC5E8) contains.

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Color

Hex(2EC5E8)

Conversions

Conversions Part 1

Format	Color
Hex	2EC5E8
RGB	46, 197, 232
RGB Percent	18%, 77%, 91%
CMY	0.8196, 0.2275, 0.0902
CMYK	0.80, 0.15, 0.00, 0.09
HSL	191°, 80%, 55%
HSV	191°, 80%, 91%
XYZ	35.6585, 46.3395, 83.4090
YIQ	155.8410, -101.2310, -21.1270

Conversions

Conversions Part 2

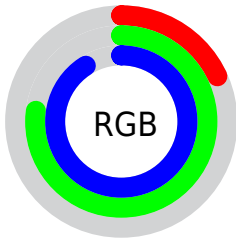
Format	Color
R _Y B	46, 129, 232
Decimal	3065320
CIE Lab	73.77, -26.30, -28.23
CIE LCh	74, 38.586, 227.024
Yxy	46.3395, 0.2156, 0.2802
Android (android.graphics.Color)	4281255400 (0xFF2EC5E8)
YUV	155.8410, 37.5464, -96.3306
Hunter-Lab	68.0732, -25.6252, -24.9959

Details

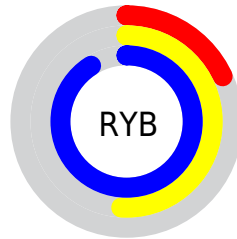
The Hex color **2EC5E8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E8512E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7BFEFF**, and **008FB0** is the 20% darker color. If you saturate the color by 10%, you get **17C1E8**, and if you desaturate by 10%, it is **45C9E8**.

Distribution



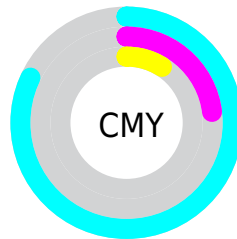
- Red (18%)
- Green (77%)
- Blue (91%)



- Red (18%)
- Yellow (51%)
- Blue (91%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC5E8 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 2EC5E8 by changing the saturation by 10% instead.

 2EC5E8

 2EC5E8

FFFFFF

 00AACC

 7BFEEF

 008FB0

 9BFFFF

 007596

 BBFFFF

 005C7C

 DAFFFF

 004463

 F9FFFF

 002D4B

 001834

 00021E

 000001

 2EC5E8

 2EC5E8

 17C1E8

 45C9E8

 00BCE8

 5CCEE8

 74D2E8

 8BD6E8

 A2DBE8

 B9DFE8

 D0E4E8

 E8E8E8

 FFECE8

Harmonies

Analogous

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



33C8C9



2EC5E8



68BDFA

Triad

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



2EC5E8



F19CC6



B9B970

Complementary

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



2EC5E8



E8512E

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.



DAAE70



2EC5E8



FB9AA2

Square

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



2EC5E8



D2A5E6



F2A283



90C284

Rectangle

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



2EC5E8



90B6FB



F2A283



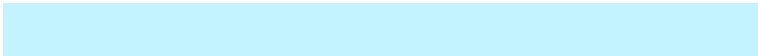
C5B66E

Sweetspot

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



2EC5E8



C2F3FF



2EE850



5B7980



000000



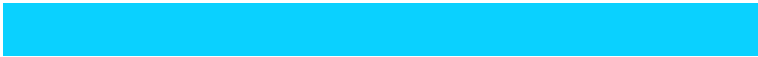
808080

Same Dimension

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



2EC5E8



0AD1FF



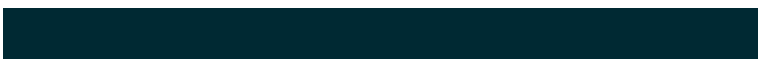
2E69E8



677173



0091B3



002933

Inverse Universe

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



E82EC5



FF0AD1



E8AD2E



736771



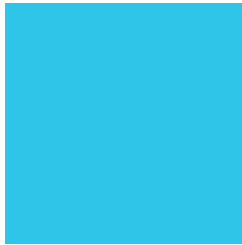
B30091



330029

Previews

White Background



This preview shows how the Hex color 2EC5E8 looks on a white background.

Color Contrast Check

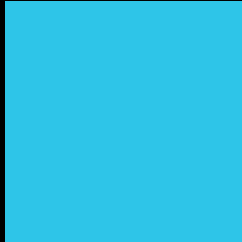
Large Text (above 18pt) WCAG AA × Fail

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 2EC5E8 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 2EC5E8 Background



This preview shows how black text looks on a background with the Hex color 2EC5E8.

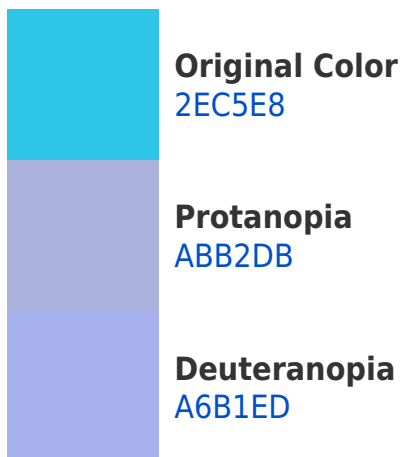


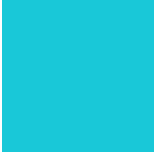
This preview shows how white text looks on a background with the Hex color 2EC5E8.

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
19C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC5E8 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 #2EC5E8 looks like.

```
.text, #text, p{  
    color:#2EC5E8  
}
```

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 #2EC5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC5E8  
}
```

Border

The CSS property to change the border of an element to Hex 2EC5E8 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  
#2EC5E8 }
```

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

```
.border{ border-color:#2EC5E8 }
```

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

Here you see how a box with a 4 pixel #2EC5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC5E8; -webkit-box-shadow:4px 4px  
4px 4px #2EC5E8; box-shadow:4px 4px 4px  
4px #2EC5E8 }
```

Background

The CSS property to change the background color of an element to Hex 2EC5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC5E8 }
```

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

```
.background{ background-color:#2EC5E8 }
```

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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