

# Converting Colors

Hex(25EAC1)

Have a look what the booklet for  
Hex(25EAC1) contains.

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# Color

Hex(25EAC1)

# Conversions

## Conversions Part 1

Format	Color
Hex	25EAC1
RGB	37, 234, 193
RGB Percent	15%, 92%, 76%
CMY	0.8549, 0.0824, 0.2431
CMYK	0.84, 0.00, 0.18, 0.08
HSL	168°, 82%, 53%
HSV	168°, 84%, 92%
XYZ	39.8114, 63.0892, 60.5312
YIQ	170.4230, -104.2510, -54.5150

# Conversions

## Conversions Part 2

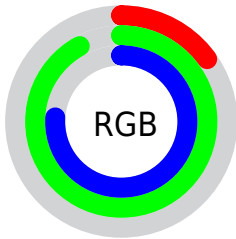
Format	Color
<a href="#">RYB</a>	<a href="#">37, 147, 234</a>
Decimal	<a href="#">2484929</a>
CIELab	<a href="#">83.49, -54.73, 7.08</a>
CIELCh	<a href="#">83, 55.185, 172.626</a>
Yxy	<a href="#">63.0892, 0.2436, 0.3860</a>
Android (android.graphics.Color)	<a href="#">4280675009 (0xFF25EAC1)</a>
YUV	<a href="#">170.4230, 11.1305, -117.0120</a>
Hunter-Lab	<a href="#">79.4287, -49.5322, 10.4162</a>

# Details

The Hex color **25EAC1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EA254E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **78FFF9**, and **00B18C** is the 20% darker color. If you saturate the color by 10%, you get **0EEABC**, and if you desaturate by 10%, it is **3CEAC6**.

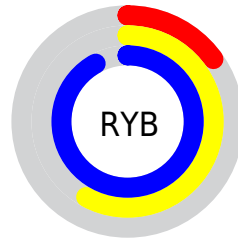
# Distribution



Red (15%)

Green (92%)

Blue (76%)



Red (15%)

Yellow (58%)

Blue (92%)

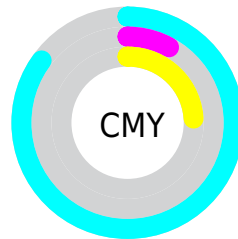


Cyan (84%)

Magenta (0%)

Yellow (18%)

Black (8%)



Cyan (85%)

Magenta (8%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25EAC1 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 25EAC1 by changing the saturation by 10% instead.



 25EAC1

 25EAC1

FFFFFF

 00CDA6

 78FFF9

 00B18C

 99FFFF

 009672

 B9FFFF

 007B5A

 D9FFFF

 006142

 F8FFFF

 00482C

 003117

 001500

 000000

■ 25EAC1

■ 25EAC1

■ 0EEABC

■ 3CEAC6

■ 00EAB9

■ 54EACB

■ 6BEAD0

■ 83EAD4

■ 9AEAD9

■ B1EADE

■ C9EAE3

■ E0EAE8

■ F8EAED

# Harmonies

## Analogous

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



8BE48F



25EAC1



00EAF6

# Triad

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



25EAC1



C0C7FF



FFB67F

# Complementary

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



25EAC1



EA254E

# 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.



FFA8AB



25EAC1



FFB4FF

# Square

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



25EAC1



56D9FF



FFA6DF



FBC967

# Rectangle

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



25EAC1



00E8FF



FFA6DF



FFB08C

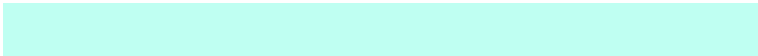


# Sweetspot

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



25EAC1



BFFFF2



50EA25



598078



000000



808080



# Same Dimension

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



25EAC1



00FFCA



25B2EA



6A7573



00B58F



00362A



# Inverse Universe

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



EA254E



FF0035



EA5D25



756A6C



B50026

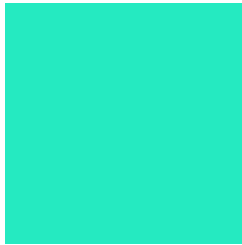


36000B



# Previews

## White Background



This preview shows how the Hex color 25EAC1 looks on a white background.

## Color Contrast Check

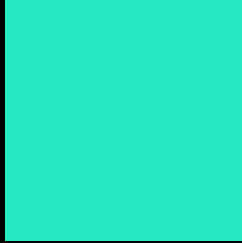
Large Text (above 18pt) WCAG AA × Fail

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 25EAC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

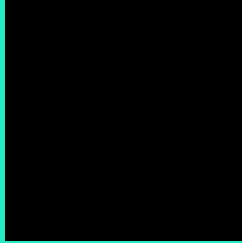
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

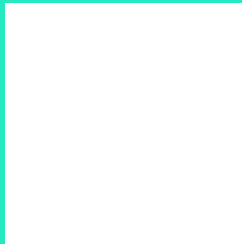
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25EAC1 Background



This preview shows how black text looks on a background with the Hex color 25EAC1.

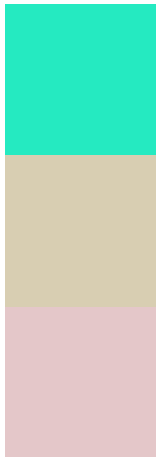


This preview shows how white text looks on a background with the Hex color 25EAC1.

# 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](#).

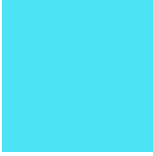
## Dichromacy



**Original Color**  
25EAC1

**Protanopia**  
D8CEB2

**Deuteranopia**  
E4C7C9



**Tritanopia**  
4CE3F5

# Trichromacy



**Original Color**  
25EAC1



**Protanomaly**  
97D8B7



**Deuteranomaly**  
9FD4C6



**Tritanomaly**  
3EE6E2

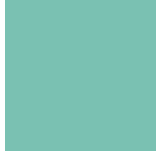
# Monochromacy



**Original Color**  
25EAC1



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
7AC1B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25EAC1 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 #25EAC1 looks like.

```
.text, #text, p{  
    color:#25EAC1  
}
```

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 #25EAC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25EAC1
}
```

## Border

The CSS property to change the border of an element to Hex 25EAC1 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
#25EAC1 }
```

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

```
.border{ border-color:#25EAC1 }
```

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

Here you see how a box with a 4 pixel #25EAC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25EAC1; -webkit-box-shadow:4px 4px  
4px 4px #25EAC1; box-shadow:4px 4px 4px  
4px #25EAC1 }
```

# Background

The CSS property to change the background color of an element to Hex 25EAC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25EAC1 }
```

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

```
.background{ background-color:#25EAC1 }
```

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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