

Converting Colors

Hex(25DAEB)

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

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Color

Hex(25DAEB)

Conversions

Conversions Part 1

Format	Color
Hex	25DAEB
RGB	37, 218, 235
RGB Percent	15%, 85%, 92%
CMY	0.8549, 0.1451, 0.0784
CMYK	0.84, 0.07, 0.00, 0.08
HSL	185°, 83%, 53%
HSV	185°, 84%, 92%
XYZ	40.8297, 56.5343, 87.3575
YIQ	165.8190, -113.3330, -33.0850

Conversions

Conversions Part 2

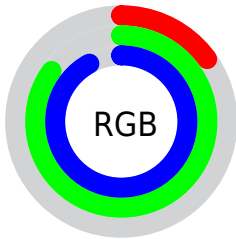
Format	Color
RYB	37, 132, 235
Decimal	2480875
CIELab	79.92, -36.17, -20.47
CIELCh	80, 41.557, 209.506
Yxy	56.5343, 0.2210, 0.3061
Android (android.graphics.Color)	4280670955 (0xFF25DAEB)
YUV	165.8190, 34.1062, -112.9743
Hunter-Lab	75.1893, -34.6511, -16.2527

Details

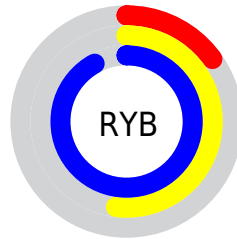
The Hex color **25DAEB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB3625**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7AFFFF**, and **00A2B3** is the 20% darker color. If you saturate the color by 10%, you get **0ED8EB**, and if you desaturate by 10%, it is **3CDCEB**.

Distribution



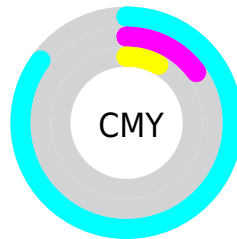
- Red (15%)
- Green (85%)
- Blue (92%)



- Red (15%)
- Yellow (52%)
- Blue (92%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (85%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 25DAEB

 25DAEB

FFFFFF

 00BECF

 7AFFFF

 00A2B3

 9BFFFF

 008898

 BBFFFF

 006E7F

 DBFFFF

 005565

 FAFFFF

 003D4D

 002837

 000222

 000008

■ 25DAEB

■ 25DAEB

■ 0ED8EB

■ 3CDCEB

■ 00D7EB

■ 54DEEB

■ 6CE0EB

■ 83E2EB

■ 9BE4EB

■ B2E6EB

■ CAE8EB

■ E1EAEB

■ F9ECEB

Harmonies

Analogous

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



56DBC4



25DAEB



49D4FF

Triad

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



25DAEB



F6AFEE



E0C478

Complementary

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



25DAEB



EB3625

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.



FFB684



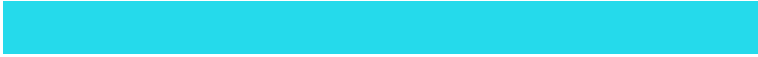
25DAEB



FFA8C8

Square

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



25DAEB



CABCFF



FFABA2



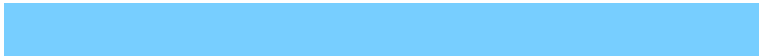
B8CF81

Rectangle

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



25DAEB



77CEFF



FFABA2



ECBF7A

Sweetspot

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



25DAEB



BFFAFF



25EB35



597C80



000000



808080

Same Dimension

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



25DAEB



00E9FF



2578EB



6A7475



00A6B5



003136

Inverse Universe

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



EB25DA



FF00E9



EB9925



756A74



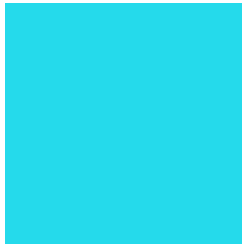
B500A6



360031

Previews

White Background



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

Color Contrast Check

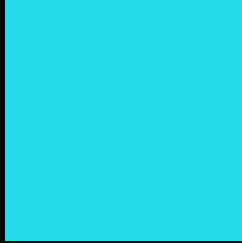
Large Text (above 18pt) WCAG AA × Fail

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 25DAEB 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 25DAEB Background



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

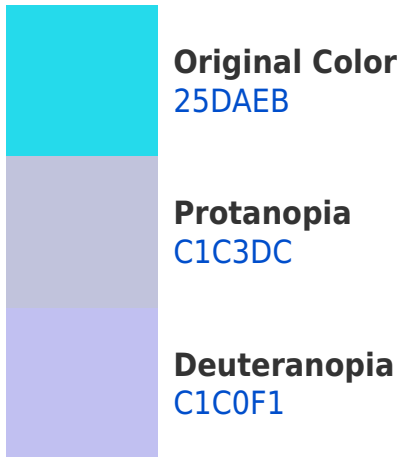


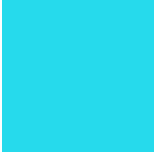
This preview shows how white text looks on a background with the Hex color 25DAEB.

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



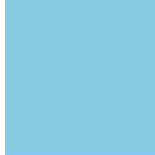


Tritanopia
26DAEC

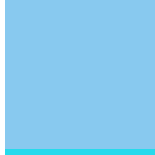
Trichromacy



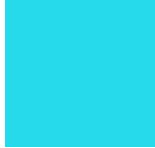
Original Color
25DAEB



Protanomaly
88CBE1



Deuteranomaly
88C9EF

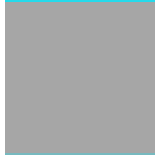


Tritanomaly
26DAEC

Monochromacy



Original Color
25DAEB



Achromatopsia
A6A6A6



Achromatomaly
77B9BF

CSS Examples

Text

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

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

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 #25DAEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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