

Converting Colors

Hex(25DECA)

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

Hex(25DECA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25DECA)

Conversions

Conversions Part 1

Format	Color
Hex	25DECA
RGB	37, 222, 202
RGB Percent	15%, 87%, 79%
CMY	0.8549, 0.1294, 0.2078
CMYK	0.83, 0.00, 0.09, 0.13
HSL	174°, 74%, 51%
HSV	174°, 83%, 87%
XYZ	37.5449, 56.9001, 64.8811
YIQ	164.4050, -103.8400, -45.4400

Conversions

Conversions Part 2

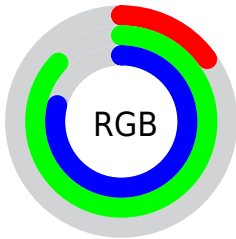
Format	Color
R_{YB}	37, 135, 222
Decimal	2481866
CIE _{Lab}	80.12, -47.46, -2.57
CIE _{LCh}	80, 47.528, 183.099
Yxy	56.9001, 0.2356, 0.3571
Android (android.graphics.Color)	4280671946 (0xFF25DECA)
YUV	164.4050, 18.5343, -111.7342
Hunter-Lab	75.4322, -43.1614, 1.8057

Details

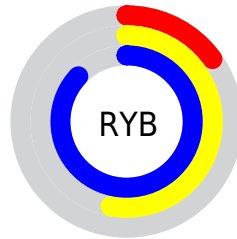
The Hex color **25DECA** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DE2539**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **77FFFF**, and **00A694** is the 20% darker color. If you saturate the color by 10%, you get **0FDEC8**, and if you desaturate by 10%, it is **3BDECC**.

Distribution



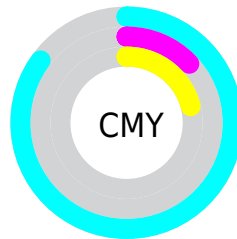
- Red (15%)
- Green (87%)
- Blue (79%)



- Red (15%)
- Yellow (53%)
- Blue (87%)



- Cyan (83%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (85%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 25DECA

 25DECA

FFFFFF

 00C2AF

 77FFFF

 00A694

 97FFFF

 008B7A

 B7FFFF

 007162

 D6FFFF

 00574A

 F6FFFF

 003E33

 00291E

 000107

 000000

■ 25DECA

■ 25DECA

■ 0FDEC8

■ 3BDECC

■ 00DEC6

■ 51DEC F

■ 68DED1

■ 7EDED4

■ 94DED6

■ AADED8

■ C0DEDB

■ D7DEDD

■ EDDEE0

Harmonies

Analogous

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



79DB9D



25DECA



00DDF6

Triad

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



25DECA



D1B9FF



FFB678

Complementary

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



25DECA



DE2539

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.



FFA899



25DECA



FFAAFO

Square

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



25DECA



8ACAFF



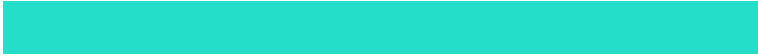
FFA3C4



DEC66D

Rectangle

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



25DECA



00D9FF



FFA3C4



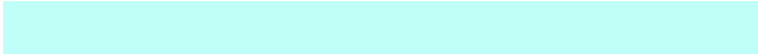
FFB181

Sweetspot

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



25DECA



BFFFF8



3BDE25



59807B



000000



808080

Same Dimension

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



25DECA



00FFE3



2597DE



65706F



00B09D



00302B

Inverse Universe

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



DE2539



FF001C



DE6C25



706566



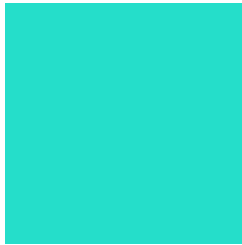
B00013



300005

Previews

White Background



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

Color Contrast Check

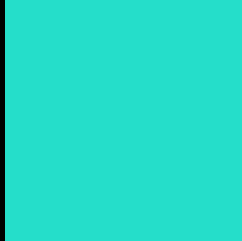
Large Text (above 18pt) WCAG AA × Fail

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 25DECA 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

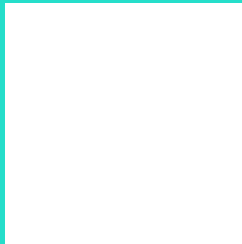
Any Text WCAG AAA ✓ Pass

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

Hex 25DECA Background



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

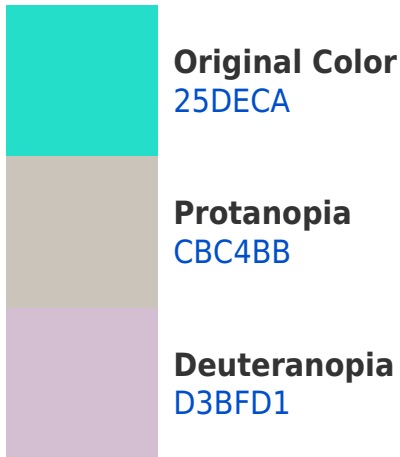


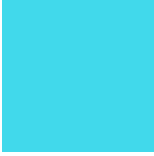
This preview shows how white text looks on a background with the Hex color 25DECA.

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



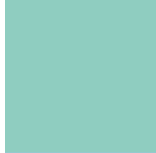


Tritanopia
41D9EB

Trichromacy



Original Color
25DECA



Protanomaly
8FCDC0

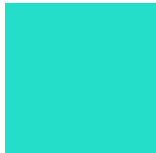


Deuteranomaly
94CACE

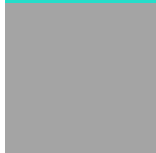


Tritanomaly
37DBDF

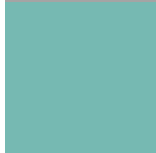
Monochromacy



Original Color
25DECA



Achromatopsia
A4A4A4



Achromatomaly
76B9B2

CSS Examples

Text

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

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

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 #25DECA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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