

# Converting Colors

Hex(25CEAD)

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

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# Color

**Hex(25CEAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25CEAD
RGB	37, 206, 173
RGB Percent	15%, 81%, 68%
CMY	0.8549, 0.1922, 0.3216
CMYK	0.82, 0.00, 0.16, 0.19
HSL	168°, 70%, 48%
HSV	168°, 82%, 81%
XYZ	30.3771, 47.5531, 47.1128
YIQ	151.7070, -90.1310, -46.0910

# Conversions

## Conversions Part 2

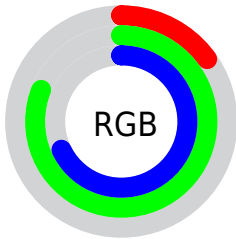
Format	Color
<b>RYB</b>	37, 131, 206
Decimal	2477741
CIELab	74.54, -48.42, 4.84
CIELCh	75, 48.656, 174.296
Yxy	47.5531, 0.2429, 0.3803
Android (android.graphics.Color)	4280667821 (0xFF25CEAD)
YUV	151.7070, 10.4974, -100.5980
Hunter-Lab	68.9587, -42.0465, 7.7640

# Details

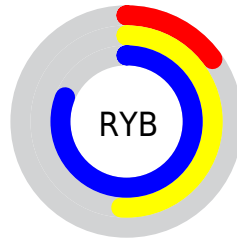
The Hex color **25CEAD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CE2546**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **72FFE4**, and **009779** is the 20% darker color. If you saturate the color by 10%, you get **10CEA9**, and if you desaturate by 10%, it is **3ACEB1**.

# Distribution



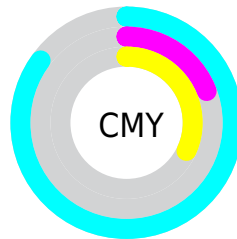
- Red (15%)
- Green (81%)
- Blue (68%)



- Red (15%)
- Yellow (51%)
- Blue (81%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (85%)
- Magenta (19%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 25CEAD

 25CEAD

FFFFFF

 00B292

 72FFE4

 009779

 91FFFF

 007C60

 B0FFFF

 006248

 CFFFFFF

 004932

 EFFFFFF

 00321D

 001904

 000000

 25CEAD

 25CEAD

■ 10CEA9

■ 3ACEB1

■ 00CEA6

■ 4ECEB5

■ 63CEB9

■ 77CEBD

■ 8CCEC1

■ A1CEC5

■ B5CEC9

■ CACECD

■ DECED1

# Harmonies

## Analogous

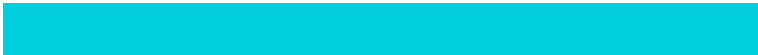
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79C981



25CEAD



00CEDB

# Triad

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



25CEAD



AEAFFF



FCA270

# Complementary

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



25CEAD



CE2546

# 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.



FF9595



25CEAD



E79EEC

# Square

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



25CEAD



59BFFF



FF93C2



DAB25D

# Rectangle

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



25CEAD



00CBF5



FF93C2



FF9D7B

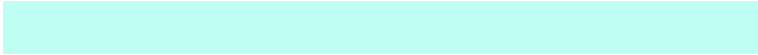


# Sweetspot

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



25CEAD



BFFFF3



47CE25



598078



000000



808080



# Same Dimension

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



25CEAD



05FFCE



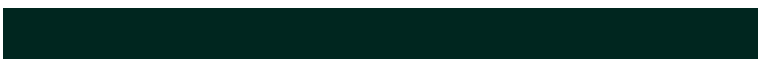
259BCE



5C6664



00A685



00261F



# Inverse Universe

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



CE2546



FF0536



CE5825



665C5E



A60020

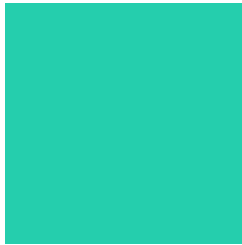


260007



# Previews

## White Background



This preview shows how the Hex color 25CEAD 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 25CEAD 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

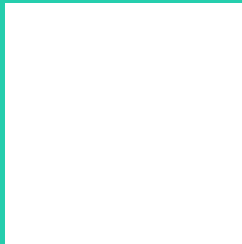
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25CEAD Background



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



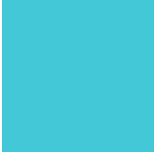
This preview shows how white text looks on a background with the Hex color 25CEAD.

# 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](#).

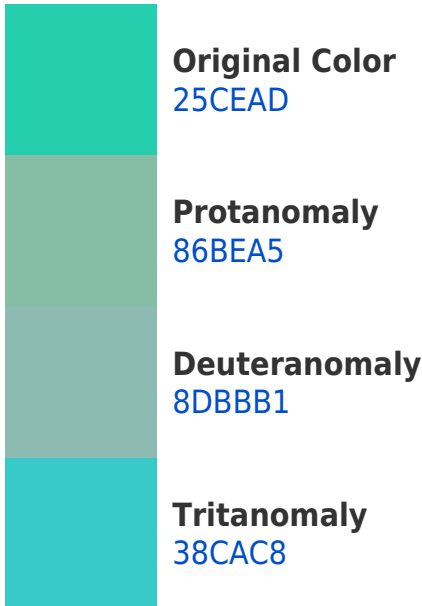
## Dichromacy



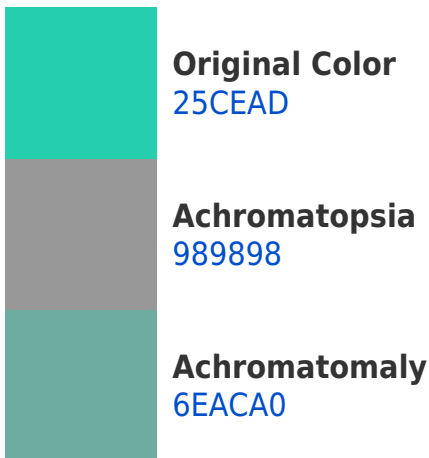


**Tritanopia**  
43C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #25CEAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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