

Converting Colors

Hex(24DEA3)

Have a look what the booklet for
Hex(24DEA3) contains.

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Color

Hex(24DEA3)

Conversions

Conversions Part 1

Format	Color
Hex	24DEA3
RGB	36, 222, 163
RGB Percent	14%, 87%, 64%
CMY	0.8588, 0.1294, 0.3608
CMYK	0.84, 0.00, 0.27, 0.13
HSL	161°, 74%, 51%
HSV	161°, 84%, 87%
XYZ	33.4597, 55.2620, 43.5535
YIQ	159.6600, -91.9170, -57.7810

Conversions

Conversions Part 2

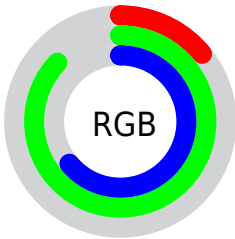
Format	Color
RYB	36, 147, 222
Decimal	2416291
CIELab	79.19, -57.26, 16.76
CIELCh	79, 59.667, 163.684
Yxy	55.2620, 0.2530, 0.4178
Android (android.graphics.Color)	4280606371 (0xFF24DEA3)
YUV	159.6600, 1.6466, -108.4498
Hunter-Lab	74.3384, -49.7494, 17.3000

Details

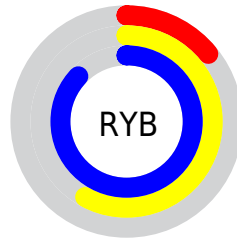
The Hex color **24DEA3** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DE245F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FFDA**, and **00A66F** is the 20% darker color. If you saturate the color by 10%, you get **0EDE9C**, and if you desaturate by 10%, it is **3ADEAA**.

Distribution



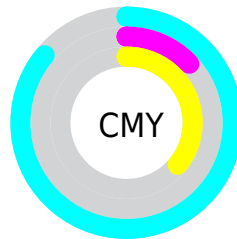
- Red (14%)
- Green (87%)
- Blue (64%)



- Red (14%)
- Yellow (58%)
- Blue (87%)



- Cyan (84%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (86%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24DEA3 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 24DEA3 by changing the saturation by 10% instead.

 24DEA3

 24DEA3

FFFFFF

 00C189

 74FFDA

 00A66F

 94FFF7

 008A57

 B4FFF7

 00703F

 D3FFF7

 005629

 F2FFF7

 003D14

 002600

 000000

 24DEA3

 24DEA3

■ 0EDE9C

■ 3ADEAA

■ 00DE98

■ 50DEB1

■ 67DEB8

■ 7DDEBF

■ 93DEC6

■ A9DECD

■ BFDED4

■ D6DEDB

■ ECDEE2

Harmonies

Analogous

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



8ED770



24DEA3



00E0DD

Triad

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



24DEA3



93C1FF



FFA27A

Complementary

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



24DEA3



DE245F

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.



FF95AD



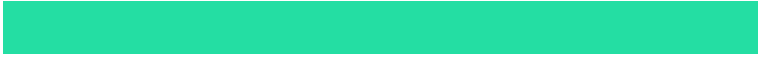
24DEA3



E9ABFF

Square

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



24DEA3



00D3FF



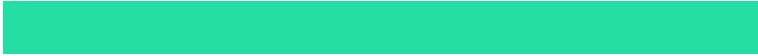
FF99E5



FEB657

Rectangle

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



24DEA3



00DFFF



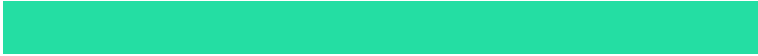
FF99E5



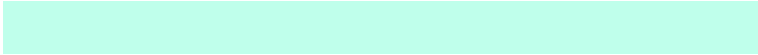
FF9C89

Sweetspot

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



24DEA3



BFFFEB



62DE24



598073



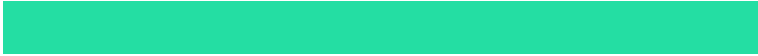
000000



808080

Same Dimension

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



24DEA3



00FFAE



24BFDE



65706D



00B078



003021

Inverse Universe

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



DE245F



FF0051



DE4324



706569



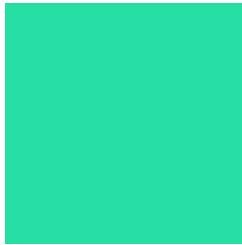
B00038



30000F

Previews

White Background



This preview shows how the Hex color 24DEA3 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 24DEA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

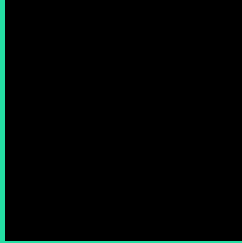
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

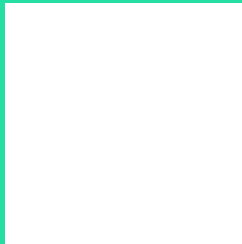
Any Text WCAG AAA ✓ Pass

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

Hex 24DEA3 Background



This preview shows how black text looks on a background with the Hex color 24DEA3.

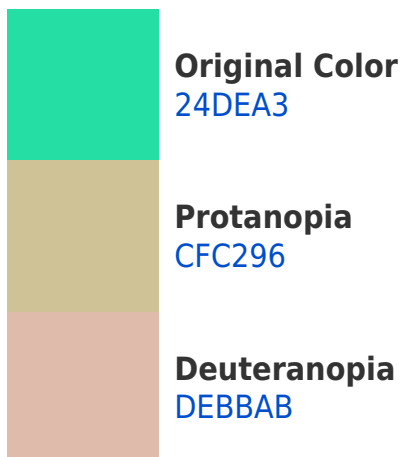


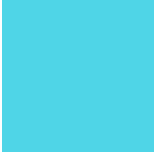
This preview shows how white text looks on a background with the Hex color 24DEA3.

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
4FD5E7

Trichromacy



Original Color
24DEA3



Protanomaly
91CC9B



Deuteranomaly
9AC8A8



Tritanomaly
3FD8CE

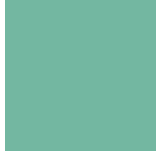
Monochromacy



Original Color
24DEA3



Achromatopsia
A0A0A0



Achromatomaly
73B7A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 24DEA3 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 #24DEA3 looks like.

```
.text, #text, p{  
    color:#24DEA3  
}
```

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 #24DEA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24DEA3
}
```

Border

The CSS property to change the border of an element to Hex 24DEA3 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
#24DEA3 }
```

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

```
.border{ border-color:#24DEA3 }
```

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

Here you see how a box with a 4 pixel #24DEA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24DEA3; -webkit-box-shadow:4px 4px  
4px 4px #24DEA3; box-shadow:4px 4px 4px  
4px #24DEA3 }
```

Background

The CSS property to change the background color of an element to Hex 24DEA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24DEA3 }
```

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

```
.background{ background-color:#24DEA3 }
```

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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