

Converting Colors

Hex(24D6D0)

Have a look what the booklet for
Hex(24D6D0) contains.

Hex(24D6D0)	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(24D6D0)

Conversions

Conversions Part 1

Format	Color
Hex	24D6D0
RGB	36, 214, 208
RGB Percent	14%, 84%, 82%
CMY	0.8588, 0.1608, 0.1843
CMYK	0.83, 0.00, 0.03, 0.16
HSL	178°, 71%, 49%
HSV	178°, 83%, 84%
XYZ	36.1593, 53.0223, 68.0030
YIQ	160.0940, -104.1620, -39.6020

Conversions

Conversions Part 2

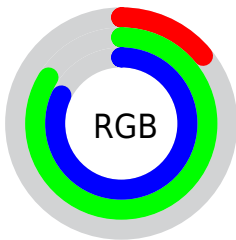
Format	Color
RYB	36, 127, 214
Decimal	2414288
CIELab	77.89, -42.39, -9.08
CIElCh	78, 43.356, 192.090
Yxy	53.0223, 0.2300, 0.3373
Android (android.graphics.Color)	4280604368 (0xFF24D6D0)
YUV	160.0940, 23.6177, -108.8304
Hunter-Lab	72.8164, -38.7889, -4.3993

Details

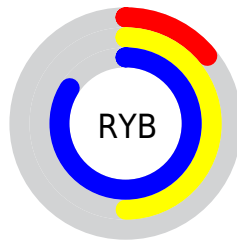
The Hex color **24D6D0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D6242A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **76FFFF**, and **009E9A** is the 20% darker color. If you saturate the color by 10%, you get **0FD6CF**, and if you desaturate by 10%, it is **39D6D1**.

Distribution



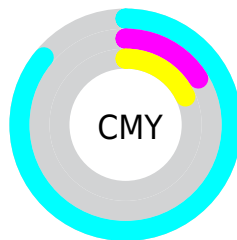
- Red (14%)
- Green (84%)
- Blue (82%)



- Red (14%)
- Yellow (50%)
- Blue (84%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (86%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24D6D0 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 24D6D0 by changing the saturation by 10% instead.

24D6D0

24D6D0

FFFFFF

00BAB4

76FFFF

009E9A

96FFFF

008480

B6FFFF

006A67

D5FFFF

00514F

F4FFFF

003938

002323

00010D

000000

■ 24D6D0

■ 24D6D0

■ 0FD6CF

■ 39D6D1

■ 00D6CF

■ 4FD6D1

■ 64D6D2

■ 7AD6D3

■ 8FD6D4

■ A4D6D4

■ BAD6D5

■ CFD6D6

■ E5D6D6

Harmonies

Analogous

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



6AD4A6



24D6D0



00D3F5

Triad

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



24D6D0



DAB0FC



EFB674

Complementary

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



24D6D0



D6242A

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.



FFA88C



24D6D0



FFA4DA

Square

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



24D6D0



A0BFFF



FFA1B2



CBC370

Rectangle

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



24D6D0



38CFFF



FFA1B2



F9B17A

Sweetspot

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



24D6D0



BFFFFD



2DD624



59807E



000000



808080

Same Dimension

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



24D6D0



00FFF6



2486D6



606B6B



00ABA5



002B2A

Inverse Universe

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



D6242A



FF0009



D67424



6B6061



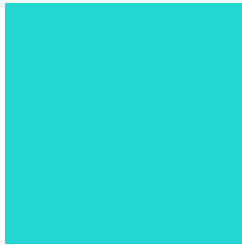
AB0006



2B0001

Previews

White Background



This preview shows how the Hex color 24D6D0 looks on a white background.

Color Contrast Check

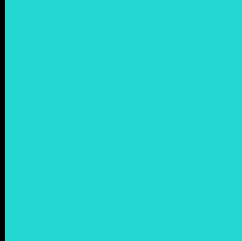
Large Text (above 18pt) WCAG AA × Fail

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 24D6D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

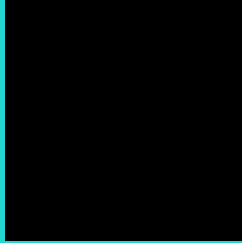
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

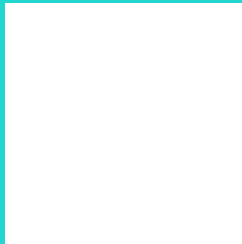
Any Text WCAG AAA ✓ Pass

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

Hex 24D6D0 Background



This preview shows how black text looks on a background with the Hex color 24D6D0.

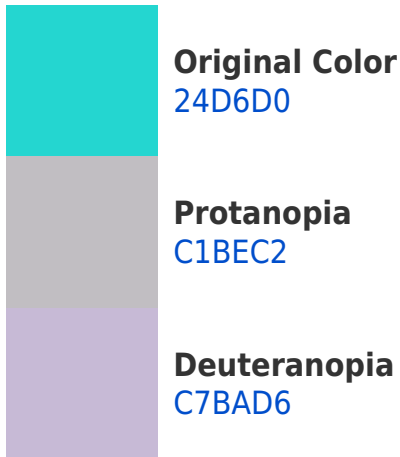


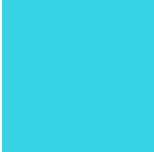
This preview shows how white text looks on a background with the Hex color 24D6D0.

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
37D3E4

Trichromacy



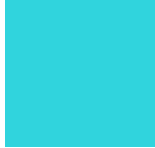
Original Color
24D6D0



Protanomaly
88C7C7



Deuteranomaly
8CC4D4



Tritanomaly
30D4DD

Monochromacy



Original Color
24D6D0



Achromatopsia
A0A0A0



Achromatomaly
73B4B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 24D6D0 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 #24D6D0 looks like.

```
.text, #text, p{  
    color:#24D6D0  
}
```

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 #24D6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24D6D0
}
```

Border

The CSS property to change the border of an element to Hex 24D6D0 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
#24D6D0 }
```

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

```
.border{ border-color:#24D6D0 }
```

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

Here you see how a box with a 4 pixel #24D6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24D6D0; -webkit-box-shadow:4px 4px  
4px 4px #24D6D0; box-shadow:4px 4px 4px  
4px #24D6D0 }
```

Background

The CSS property to change the background color of an element to Hex 24D6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24D6D0 }
```

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

```
.background{ background-color:#24D6D0 }
```

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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