

Converting Colors

Hex(24D6E2)

Have a look what the booklet for
Hex(24D6E2) contains.

Hex(24D6E2)	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(24D6E2)

Conversions

Conversions Part 1

Format	Color
Hex	24D6E2
RGB	36, 214, 226
RGB Percent	14%, 84%, 89%
CMY	0.8588, 0.1608, 0.1137
CMYK	0.84, 0.05, 0.00, 0.11
HSL	184°, 77%, 51%
HSV	184°, 84%, 89%
XYZ	38.5016, 53.9592, 80.3374
YIQ	162.1460, -109.9400, -34.0040

Conversions

Conversions Part 2

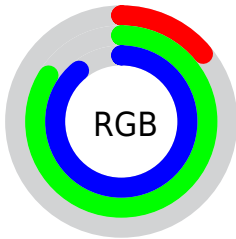
Format	Color
RYB	36, 128, 226
Decimal	2414306
CIELab	78.44, -37.10, -17.90
CIELCh	78, 41.196, 205.754
Yxy	53.9592, 0.2228, 0.3123
Android (android.graphics.Color)	4280604386 (0xFF24D6E2)
YUV	162.1460, 31.4800, -110.6300
Hunter-Lab	73.4569, -34.9909, -13.4237

Details

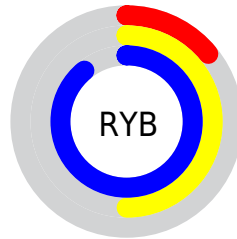
The Hex color **24D6E2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E23024**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **78FFFF**, and **009FAB** is the 20% darker color. If you saturate the color by 10%, you get **0DD5E2**, and if you desaturate by 10%, it is **3BD7E2**.

Distribution



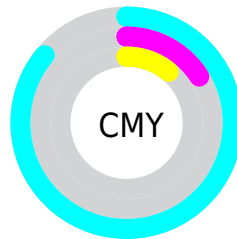
- Red (14%)
- Green (84%)
- Blue (89%)



- Red (14%)
- Yellow (50%)
- Blue (89%)



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24D6E2 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 24D6E2 by changing the saturation by 10% instead.

24D6E2

24D6E2

FFFFFF

00BAC6

78FFFF

009FAB

99FFFF

008490

B8FFFF

006A77

D8FFFF

00515E

F8FFFF

003946

002530

00011B

000000

■ 24D6E2

■ 24D6E2

■ 0DD5E2

■ 3BD7E2

■ 00D4E2

■ 51D9E2

■ 68DAE2

■ 7EDCE2

■ 95DDE2

■ ACDFE2

■ C2E0E2

■ D9E1E2

■ EFE3E2

Harmonies

Analogous

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



5AD6BB



24D6E2



3DD1FF

Triad

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



24D6E2



EDADEE



E0BE75

Complementary

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



24D6E2



E23024

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.



FEB184



24D6E2



FFA5C9

Square

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



24D6E2



BFBAFF



FFA6A3



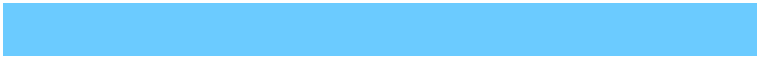
B9CA7C

Rectangle

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



24D6E2



6BCBFF



FFA6A3



EBB978

Sweetspot

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



24D6E2



BFFBFF



24E22D



597D80



000000



808080

Same Dimension

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



24D6E2



00EFFF



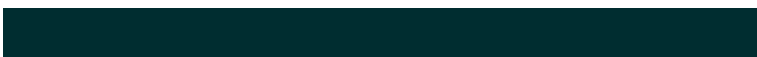
247AE2



656F70



00A5B0



002D30

Inverse Universe

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



E224D6



FF00EF



E28C24



70656F



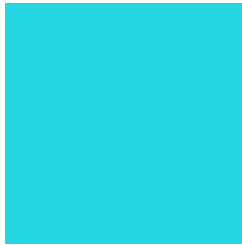
B000A5



30002D

Previews

White Background



This preview shows how the Hex color 24D6E2 looks on a white background.

Color Contrast Check

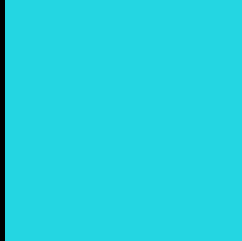
Large Text (above 18pt) WCAG AA × Fail

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 24D6E2 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 24D6E2 Background



This preview shows how black text looks on a background with the Hex color 24D6E2.

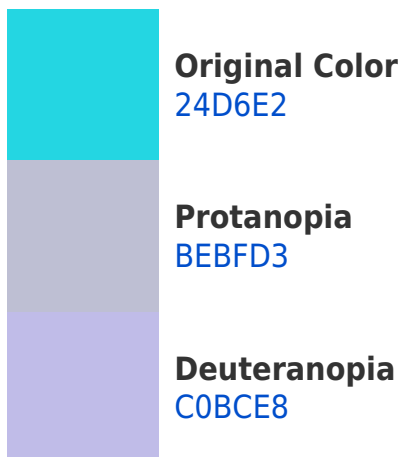


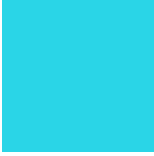
This preview shows how white text looks on a background with the Hex color 24D6E2.

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



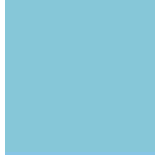


Tritanopia
2AD5E7

Trichromacy



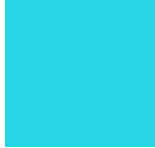
Original Color
24D6E2



Protanomaly
86C7D8



Deuteranomaly
87C5E6

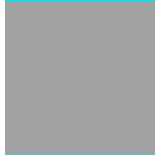


Tritanomaly
28D5E5

Monochromacy



Original Color
24D6E2



Achromatopsia
A2A2A2



Achromatomaly
74B5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 24D6E2 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 #24D6E2 looks like.

```
.text, #text, p{  
    color:#24D6E2  
}
```

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 #24D6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24D6E2
}
```

Border

The CSS property to change the border of an element to Hex 24D6E2 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
#24D6E2 }
```

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

```
.border{ border-color:#24D6E2 }
```

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

Here you see how a box with a 4 pixel #24D6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24D6E2; -webkit-box-shadow:4px 4px  
4px 4px #24D6E2; box-shadow:4px 4px 4px  
4px #24D6E2 }
```

Background

The CSS property to change the background color of an element to Hex 24D6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24D6E2 }
```

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

```
.background{ background-color:#24D6E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor