

Converting Colors

Hex(24DDEB)

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

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Color

Hex(24DDEB)

Conversions

Conversions Part 1

Format	Color
Hex	24DDEB
RGB	36, 221, 235
RGB Percent	14%, 87%, 92%
CMY	0.8588, 0.1333, 0.0784
CMYK	0.85, 0.06, 0.00, 0.08
HSL	184°, 83%, 53%
HSV	184°, 85%, 92%
XYZ	41.5794, 58.0861, 87.6175
YIQ	167.2810, -114.7540, -34.8660

Conversions

Conversions Part 2

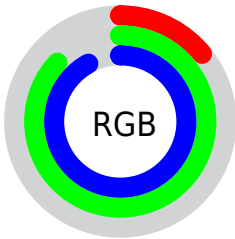
Format	Color
RYB	36, 132, 235
Decimal	2416107
CIELab	80.79, -37.62, -19.15
CIELCh	81, 42.216, 206.980
Yxy	58.0861, 0.2220, 0.3102
Android (android.graphics.Color)	4280606187 (0xFF24DDEB)
YUV	167.2810, 33.3855, -115.1334
Hunter-Lab	76.2143, -35.9926, -14.8111

Details

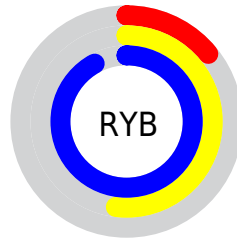
The Hex color **24DDEB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB3224**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7AFFFF**, and **00A5B3** is the 20% darker color. If you saturate the color by 10%, you get **0DDBEB**, and if you desaturate by 10%, it is **3CDFEB**.

Distribution



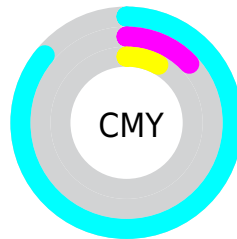
- Red (14%)
- Green (87%)
- Blue (92%)



- Red (14%)
- Yellow (52%)
- Blue (92%)



- Cyan (85%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (86%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 24DDEB

 24DDEB

FFFFFF

 00C1CF

 7AFFFF

 00A5B3

 9BFFFF

 008B98

 BBFFFF

 00717F

 DBFFFF

 005766

 FBFFFF

 003F4E

 002937

 000722

 000008

■ 24DDEB

■ 24DDEB

■ 0DDBEB

■ 3CDFEB

■ 00DAEB

■ 53E0EB

■ 6BE2EB

■ 82E4EB

■ 9AE5EB

■ B1E7EB

■ C9E9EB

■ E0EAEB

■ F8ECEB

Harmonies

Analogous

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



5BDDC3



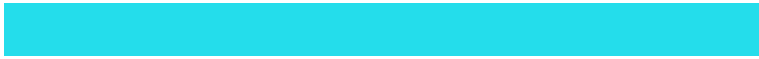
24DDEB



42D8FF

Triad

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



24DDEB



F7B2F4



E6C579

Complementary

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



24DDEB



EB3224

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.



FFB788



24DDEB



FFAACE

Square

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



24DDEB



C7C0FF



FFACA7



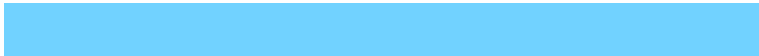
BED181

Rectangle

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



24DDEB



71D2FF



FFACA7



F2C07C

Sweetspot

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



24DDEB



BFFBFF



24EB31



597D80



000000



808080

Same Dimension

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



24DDEB



00EDFF



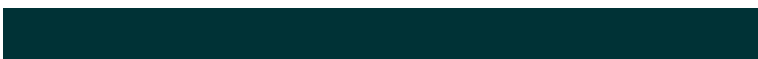
247AEB



6A7475



00A8B5



003236

Inverse Universe

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



EB24DD



FF00ED



EB9524



756A74



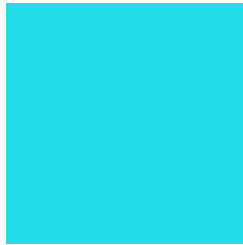
B500A8



360032

Previews

White Background



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

Color Contrast Check

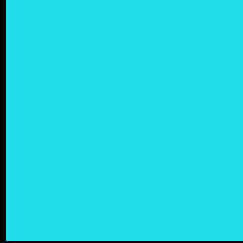
Large Text (above 18pt) WCAG AA × Fail

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 24DDEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

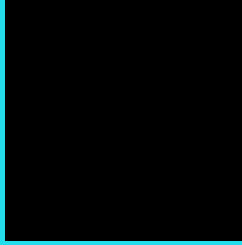
Any Text WCAG AA ✓ Pass

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 24DDEB Background



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

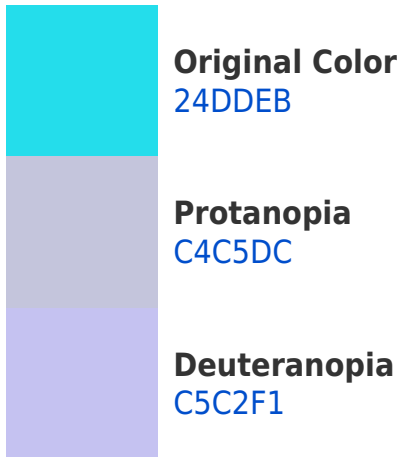


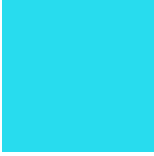
This preview shows how white text looks on a background with the Hex color 24DDEB.

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



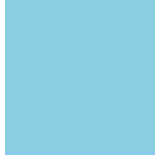


Tritanopia
28DCEE

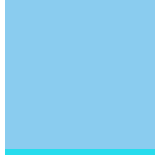
Trichromacy



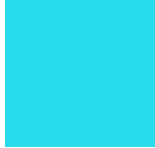
Original Color
24DDEB



Protanomaly
8ACEE1



Deuteranomaly
8ACCEF

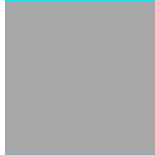


Tritanomaly
27DCED

Monochromacy



Original Color
24DDEB



Achromatopsia
A7A7A7



Achromatomaly
77BBC0

CSS Examples

Text

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

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

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 #24DDEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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