

Converting Colors

Hex(24E0B4)

Have a look what the booklet for
Hex(24E0B4) contains.

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Color

Hex(24E0B4)

Conversions

Conversions Part 1

Format	Color
Hex	24E0B4
RGB	36, 224, 180
RGB Percent	14%, 88%, 71%
CMY	0.8588, 0.1216, 0.2941
CMYK	0.84, 0.00, 0.20, 0.12
HSL	166°, 75%, 51%
HSV	166°, 84%, 88%
XYZ	35.6214, 56.9817, 52.3011
YIQ	162.7720, -97.9240, -53.5400

Conversions

Conversions Part 2

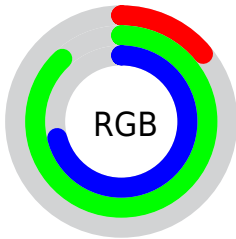
Format	Color
RYB	36, 142, 224
Decimal	2416820
CIELab	80.17, -54.03, 9.18
CIELCh	80, 54.806, 170.360
Yxy	56.9817, 0.2458, 0.3932
Android (android.graphics.Color)	4280606900 (0xFF24E0B4)
YUV	162.7720, 8.4934, -111.1790
Hunter-Lab	75.4862, -47.8679, 11.7609

Details

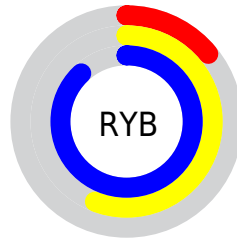
The Hex color **24E0B4** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E02450**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFEC**, and **00A87F** is the 20% darker color. If you saturate the color by 10%, you get **0EE0AF**, and if you desaturate by 10%, it is **3AE0B9**.

Distribution



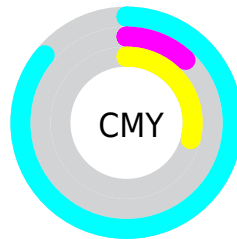
- Red (14%)
- Green (88%)
- Blue (71%)



- Red (14%)
- Yellow (56%)
- Blue (88%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (86%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24E0B4 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 24E0B4 by changing the saturation by 10% instead.

 24E0B4

 24E0B4

FFFFFF

 00C399

 75FFEC

 00A87F

 96FFFF

 008C66

 B5FFFF

 00724E

 D4FFFF

 005837

 F4FFFF

 003F22

 00290C

 000100

 000000

■ 24E0B4

■ 24E0B4

■ 0EE0AF

■ 3AE0B9

■ 00E0AC

■ 51E0BE

■ 67E0C4

■ 7EE0C9

■ 94E0CE

■ AAE0D3

■ C1E0D9

■ D7E0DE

■ EEE0E3

Harmonies

Analogous

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



87DA83



24E0B4



00E1E9

Triad

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



24E0B4



B1C0FF



FFAC7A

Complementary

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



24E0B4



E02450

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.



FF9EA6



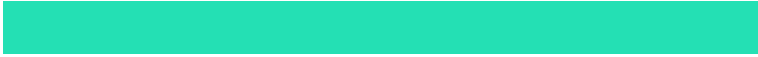
24E0B4



F6ACFF

Square

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



24E0B4



3BD1FF



FF9EDA



F4BE60

Rectangle

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



24E0B4



00DEFF



FF9EDA



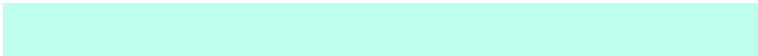
FFA687

Sweetspot

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



24E0B4



BFFFF0



53E024



598077



000000



808080

Same Dimension

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



24E0B4



00FFC3



24B1E0



65706E



00B087



003025

Inverse Universe

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



E02450



FF003C



E05324



706568



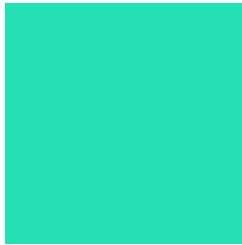
B00029



30000B

Previews

White Background



This preview shows how the Hex color 24E0B4 looks on a white background.

Color Contrast Check

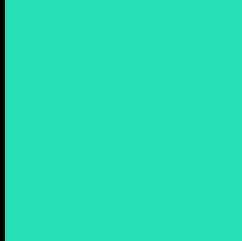
Large Text (above 18pt) WCAG AA × Fail

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 24E0B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

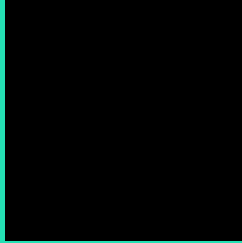
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

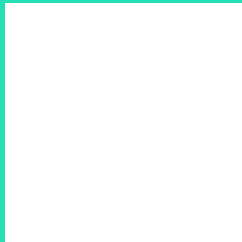
Any Text WCAG AAA ✓ Pass

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

Hex 24E0B4 Background



This preview shows how black text looks on a background with the Hex color 24E0B4.

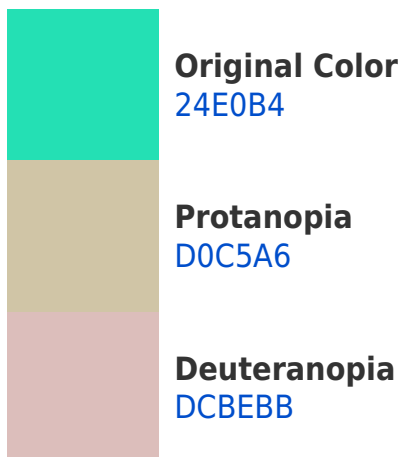


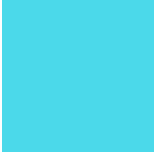
This preview shows how white text looks on a background with the Hex color 24E0B4.

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](#).

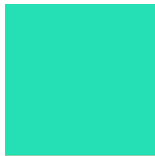
Dichromacy





Tritanopia
4BD9EA

Trichromacy



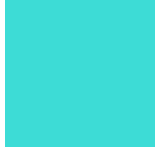
Original Color
24E0B4



Protanomaly
91CFAB



Deuteranomaly
99CAB8

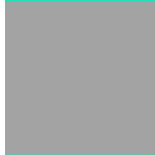


Tritanomaly
3DDCD6

Monochromacy



Original Color
24E0B4



Achromatopsia
A3A3A3



Achromatomaly
75B9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 24E0B4 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 #24E0B4 looks like.

```
.text, #text, p{  
    color:#24E0B4  
}
```

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 #24E0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24E0B4
}
```

Border

The CSS property to change the border of an element to Hex 24E0B4 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
#24E0B4 }
```

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

```
.border{ border-color:#24E0B4 }
```

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

Here you see how a box with a 4 pixel #24E0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24E0B4; -webkit-box-shadow:4px 4px  
4px 4px #24E0B4; box-shadow:4px 4px 4px  
4px #24E0B4 }
```

Background

The CSS property to change the background color of an element to Hex 24E0B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24E0B4 }
```

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

```
.background{ background-color:#24E0B4 }
```

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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