

# Converting Colors

Hex(24E182)

Have a look what the booklet for  
Hex(24E182) contains.

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# **Color**

**Hex(24E182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24E182
RGB	36, 225, 130
RGB Percent	14%, 88%, 51%
CMY	0.8588, 0.1176, 0.4902
CMYK	0.84, 0.00, 0.42, 0.12
HSL	150°, 76%, 51%
HSV	150°, 84%, 88%
XYZ	31.6820, 55.8372, 30.2269
YIQ	157.6590, -82.1490, -69.6130

# Conversions

## Conversions Part 2

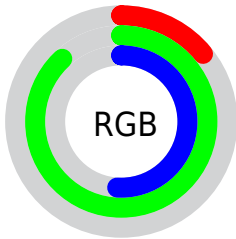
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 162, 225
Decimal	2417026
CIELab	79.52, -65.05, 34.22
CIElCh	80, 73.502, 152.251
Yxy	55.8372, 0.2691, 0.4742
Android (android.graphics.Color)	4280607106 (0xFF24E182)
YUV	157.6590, -13.6359, -106.6949
Hunter-Lab	74.7243, -55.0861, 28.3234

# Details

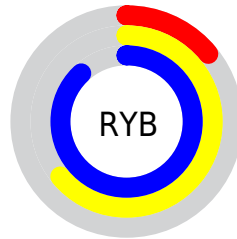
The Hex color **24E182** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E12483**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **74FFB8**, and **00A84F** is the 20% darker color. If you saturate the color by 10%, you get **0DE177**, and if you desaturate by 10%, it is **3AE18D**.

# Distribution



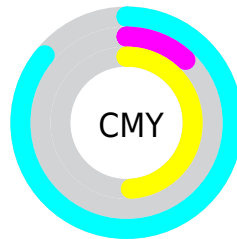
- Red (14%)
- Green (88%)
- Blue (51%)



- Red (14%)
- Yellow (64%)
- Blue (88%)



- Cyan (84%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (86%)
- Magenta (12%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24E182 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 24E182 by changing the saturation by 10% instead.



 24E182

 24E182

FFFFFF

 00C468

 74FFB8

 00A84F

 95FFD4

 008D37

 B4FFF0

 00721F

 D3FFFF

 005804

 F2FFFF

 003F00

 002700

 000000

 24E182

 24E182

0DE177

3AE18D

00E170

51E199

67E1A4

7EE1AF

94E1BB

ABE1C6

C1E1D1

D8E1DC

EEE1E8

# Harmonies

## Analogous

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



9ED647



24E182



00E6C8

# Triad

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



24E182



00CBFF



FF8F80

# Complementary

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



24E182



E12483

# 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.



FF84C3



24E182



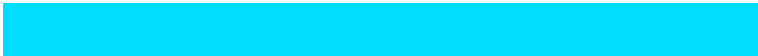
CDB1FF

# Square

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



24E182



00DDFF



FF93FF



FFAA49

# Rectangle

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



24E182



00E6F7



FF93FF



FF8995

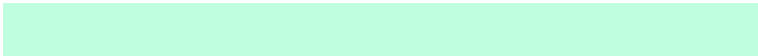


# Sweetspot

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



24E182



BFFFDF



86E124



59806C



000000



808080



# Same Dimension

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



24E182



00FF7F



24E1DE



65706B



00B058



003018



# Inverse Universe

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



E12483



FF0080



E12427



70656B



B00058

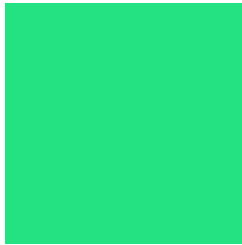


300018



# Previews

## White Background



This preview shows how the Hex color 24E182 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 24E182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

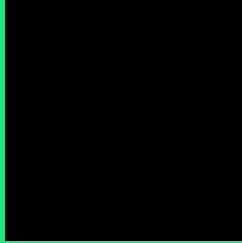
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24E182 Background



This preview shows how black text looks on a background with the Hex color 24E182.

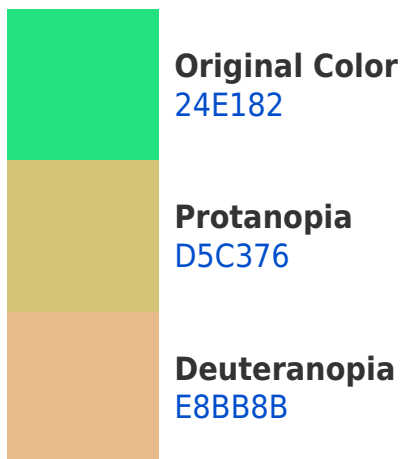


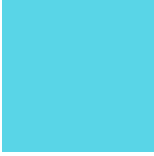
This preview shows how white text looks on a background with the Hex color 24E182.

# 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**  
59D5E7

# Trichromacy



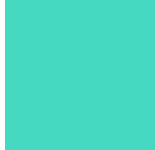
**Original Color**  
24E182



**Protanomaly**  
95CE7A



**Deuteranomaly**  
A1C988



**Tritanomaly**  
46D9C2

# Monochromacy



**Original Color**  
24E182



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
72B694

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24E182 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 #24E182 looks like.

```
.text, #text, p{  
    color:#24E182  
}
```

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 #24E182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24E182
}
```

## Border

The CSS property to change the border of an element to Hex 24E182 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
#24E182 }
```

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

```
.border{ border-color:#24E182 }
```

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

Here you see how a box with a 4 pixel #24E182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24E182; -webkit-box-shadow:4px 4px  
4px 4px #24E182; box-shadow:4px 4px 4px  
4px #24E182 }
```

# Background

The CSS property to change the background color of an element to Hex 24E182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24E182 }
```

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

```
.background{ background-color:#24E182 }
```

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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