

Converting Colors

Hex(24E5A7)

Have a look what the booklet for
Hex(24E5A7) contains.

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Color

Hex(24E5A7)

Conversions

Conversions Part 1

Format	Color
Hex	24E5A7
RGB	36, 229, 167
RGB Percent	14%, 90%, 65%
CMY	0.8588, 0.1020, 0.3451
CMYK	0.84, 0.00, 0.27, 0.10
HSL	161°, 79%, 52%
HSV	161°, 84%, 90%
XYZ	35.7219, 59.2037, 46.1039
YIQ	164.2250, -95.1260, -60.1980

Conversions

Conversions Part 2

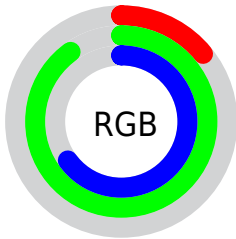
Format	Color
RYB	36, 151, 229
Decimal	2418087
CIELab	81.40, -59.01, 17.75
CIELCh	81, 61.625, 163.257
Yxy	59.2037, 0.2533, 0.4198
Android (android.graphics.Color)	4280608167 (0xFF24E5A7)
YUV	164.2250, 1.3681, -112.4533
Hunter-Lab	76.9439, -51.7817, 18.3349

Details

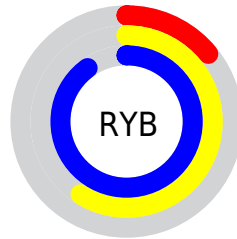
The Hex color **24E5A7** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E52462**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **76FFDE**, and **00AC73** is the 20% darker color. If you saturate the color by 10%, you get **0DE5A0**, and if you desaturate by 10%, it is **3BE5AE**.

Distribution



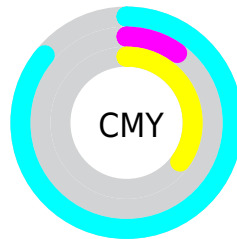
- Red (14%)
- Green (90%)
- Blue (65%)



- Red (14%)
- Yellow (59%)
- Blue (90%)



- Cyan (84%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (86%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24E5A7 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 24E5A7 by changing the saturation by 10% instead.

 24E5A7

FFFFFF

 76FFDE

 96FFFB

 B6FFFF

 D5FFFF

 F5FFFF

 24E5A7

 00C88D

 00AC73

 00915A

 007642

 005C2C

 004317

 002C00

 000A00

 000000

 24E5A7

 24E5A7

 0DE5A0

 3BE5AE

 00E59B

 52E5B6

 69E5BD

 80E5C4

 97E5CC

 ADE5D3

 C4E5DA

 DBE5E2

 F2E5E9

Harmonies

Analogous

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



93DD73



24E5A7



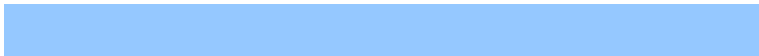
00E7E3

Triad

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



24E5A7



95C8FF



FFA67E

Complementary

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



24E5A7



E52462

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.



FF99B3



24E5A7



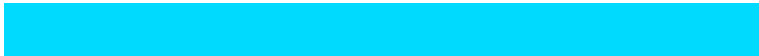
EFB1FF

Square

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



24E5A7



00DAFF



FF9DED



FFBC59

Rectangle

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



24E5A7



00E6FF



FF9DED



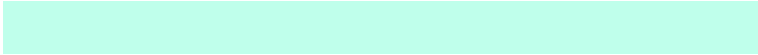
FFA08E

Sweetspot

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



24E5A7



BFFFEB



64E524



598073



000000



808080

Same Dimension

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



24E5A7



00FFAD



24C5E5



67736F



00B379



003323

Inverse Universe

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



E52462



FF0052



E54424



73676B



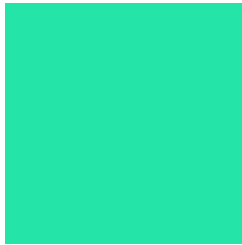
B30039



330010

Previews

White Background



This preview shows how the Hex color 24E5A7 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 24E5A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

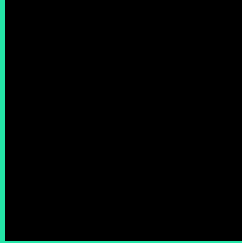
Any Text WCAG AA ✓ Pass

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 24E5A7 Background



This preview shows how black text looks on a background with the Hex color 24E5A7.

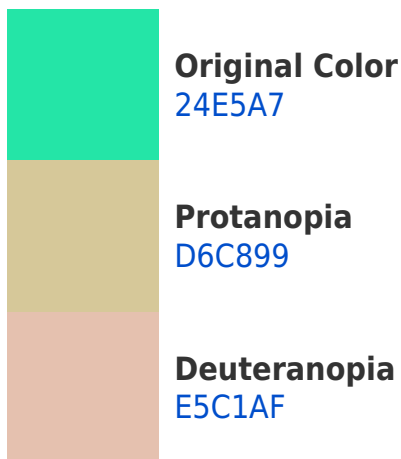


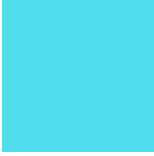
This preview shows how white text looks on a background with the Hex color 24E5A7.

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
51DCEE

Trichromacy



Original Color
24E5A7



Protanomaly
95D39E



Deuteranomaly
9FCEAC

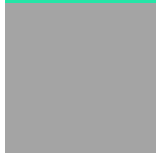


Tritanomaly
41DFD4

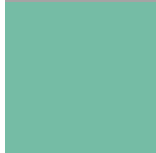
Monochromacy



Original Color
24E5A7



Achromatopsia
A4A4A4



Achromatomaly
75BCA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 24E5A7 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 #24E5A7 looks like.

```
.text, #text, p{  
    color:#24E5A7  
}
```

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 #24E5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24E5A7
}
```

Border

The CSS property to change the border of an element to Hex 24E5A7 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
#24E5A7 }
```

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

```
.border{ border-color:#24E5A7 }
```

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

Here you see how a box with a 4 pixel #24E5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24E5A7; -webkit-box-shadow:4px 4px  
4px 4px #24E5A7; box-shadow:4px 4px 4px  
4px #24E5A7 }
```

Background

The CSS property to change the background color of an element to Hex 24E5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24E5A7 }
```

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

```
.background{ background-color:#24E5A7 }
```

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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