

Converting Colors

Hex(45D1A2)

Have a look what the booklet for
Hex(45D1A2) contains.

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Color

Hex(45D1A2)

Conversions

Conversions Part 1

Format	Color
Hex	45D1A2
RGB	69, 209, 162
RGB Percent	27%, 82%, 64%
CMY	0.7294, 0.1804, 0.3647
CMYK	0.67, 0.00, 0.22, 0.18
HSL	160°, 60%, 55%
HSV	160°, 67%, 82%
XYZ	31.7763, 49.4748, 42.0572
YIQ	161.7820, -68.3530, -44.2970

Conversions

Conversions Part 2

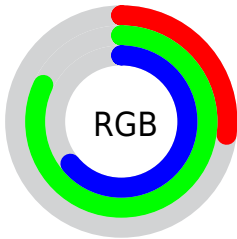
Format	Color
RYB	69, 153, 209
Decimal	4575650
CIELab	75.75, -48.43, 12.53
CIELCh	76, 50.027, 165.497
Yxy	49.4748, 0.2577, 0.4012
Android (android.graphics.Color)	4282765730 (0xFF45D1A2)
YUV	161.7820, 0.1075, -81.3698
Hunter-Lab	70.3383, -42.4522, 13.7857

Details

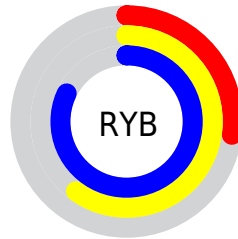
The Hex color **45D1A2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D14574**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **85FFD9**, and **009A6E** is the 20% darker color. If you saturate the color by 10%, you get **30D19B**, and if you desaturate by 10%, it is **5AD1A9**.

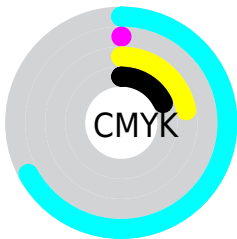
Distribution



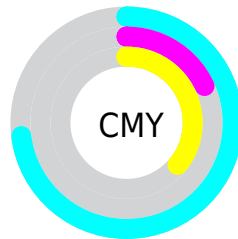
- Red (27%)
- Green (82%)
- Blue (64%)



- Red (27%)
- Yellow (60%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45D1A2 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 45D1A2 by changing the saturation by 10% instead.

 45D1A2

 45D1A2

FFFFFF

 1AB588

 85FFD9

 009A6E

 A3FFF5

 007F56

 C1FFFF

 00653F

 DFFFFF

 004C28

 FDFFFF

 003414

 001C00

 000000

 45D1A2

 45D1A2

■ 30D19B

■ 5AD1A9

■ 1BD194

■ 6FD1B0

■ 06D18D

■ 84D1B7

■ 00D18B

■ 99D1BE

■ AED1C5

■ C2D1CC

■ D7D1D3

■ ECD1DA

■ FFD1E1

Harmonies

Analogous

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



8CCB78



45D1A2



00D3D2

Triad

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



45D1A2



9BB7FF



FFA07B

Complementary

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



45D1A2



D14574

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.



FF95A4



45D1A2



DDA5FC

Square

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



45D1A2



2BC6FF



FF98D3



EAB060

Rectangle

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



45D1A2



00D1EF



FF98D3



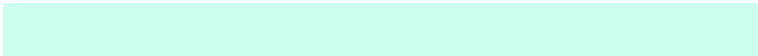
FF9B87

Sweetspot

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



45D1A2



CCFFEE



76D145



618075



000000



808080

Same Dimension

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



45D1A2



33FFBB



45BCD1



5E6965



00A870



00291B

Inverse Universe

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



D14574



FF3377



D15A45



695E62



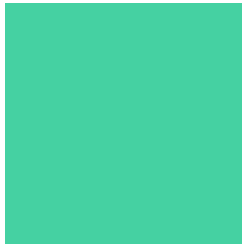
A80039



29000E

Previews

White Background



This preview shows how the Hex color 45D1A2 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 45D1A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

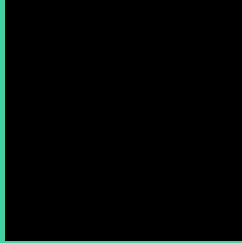
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

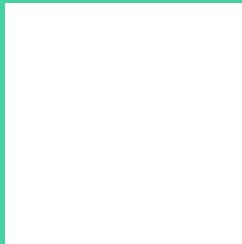
Any Text WCAG AAA ✓ Pass

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

Hex 45D1A2 Background



This preview shows how black text looks on a background with the Hex color 45D1A2.

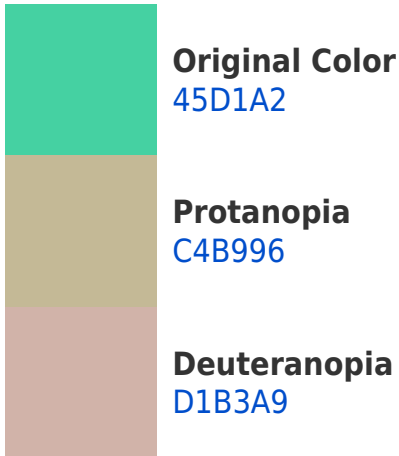


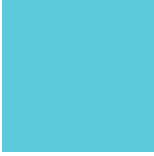
This preview shows how white text looks on a background with the Hex color 45D1A2.

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





Trichromacy



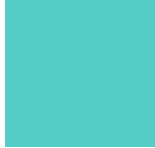
Original Color
45D1A2



Protanomaly
96C29A



Deuteranomaly
9EBEA6



Tritanomaly
54CDC6

Monochromacy



Original Color
45D1A2



Achromatopsia
A2A2A2



Achromatomaly
80B3A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 45D1A2 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 #45D1A2 looks like.

```
.text, #text, p{  
    color:#45D1A2  
}
```

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 #45D1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D1A2  
}
```

Border

The CSS property to change the border of an element to Hex 45D1A2 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  
#45D1A2 }
```

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

```
.border{ border-color:#45D1A2 }
```

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

Here you see how a box with a 4 pixel #45D1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D1A2; -webkit-box-shadow:4px 4px  
4px 4px #45D1A2; box-shadow:4px 4px 4px  
4px #45D1A2 }
```

Background

The CSS property to change the background color of an element to Hex 45D1A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D1A2 }
```

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

```
.background{ background-color:#45D1A2 }
```

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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