

Converting Colors

Hex(45D0B2)

Have a look what the booklet for
Hex(45D0B2) contains.

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Color

Hex(45D0B2)

Conversions

Conversions Part 1

Format	Color
Hex	45D0B2
RGB	69, 208, 178
RGB Percent	27%, 82%, 70%
CMY	0.7294, 0.1843, 0.3020
CMYK	0.67, 0.00, 0.14, 0.18
HSL	167°, 60%, 54%
HSV	167°, 67%, 82%
XYZ	33.0460, 49.5913, 49.9499
YIQ	163.0190, -73.2140, -38.7980

Conversions

Conversions Part 2

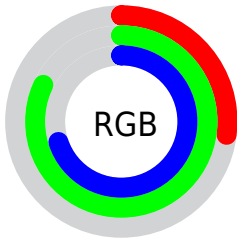
Format	Color
RYB	69, 147, 208
Decimal	4575410
CIELab	75.82, -44.18, 4.06
CIELCh	76, 44.367, 174.752
Yxy	49.5913, 0.2492, 0.3740
Android (android.graphics.Color)	4282765490 (0xFF45D0B2)
YUV	163.0190, 7.3856, -82.4547
Hunter-Lab	70.4211, -39.4735, 7.2402

Details

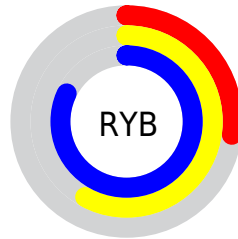
The Hex color **45D0B2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D04563**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **85FFEA**, and **00997D** is the 20% darker color. If you saturate the color by 10%, you get **30D0AE**, and if you desaturate by 10%, it is **5AD0B6**.

Distribution



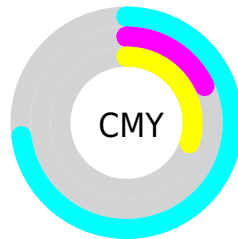
- Red (27%)
- Green (82%)
- Blue (70%)



- Red (27%)
- Yellow (58%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45D0B2 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 45D0B2 by changing the saturation by 10% instead.



45D0B2



45D0B2

FFFFFF



19B497



85FFEA



00997D



A3FFFF



007E65



C1FFFF



00644D



DFFFFFF



004B36

FEFFFF



003421



001D0A



000000



45D0B2



45D0B2

 30D0AE

 5AD0B6

 1BD0A9

 6FD0BB

 07D0A5

 83D0BF

 00D0A3

 98D0C4

 ADD0C8

 C2D0CD

 D7D0D1

 EBD0D6

 FFD0DA

Harmonies

Analogous

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



82CC8A



45D0B2



00D0DC

Triad

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



45D0B2



B4B3FF



FAA879

Complementary

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



45D0B2



D04563

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.



FF9C9B



45D0B2



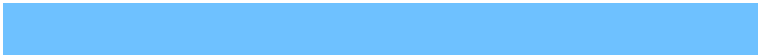
E7A4EB

Square

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



45D0B2



6EC1FF



FF9BC4



DBB668

Rectangle

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



45D0B2



00CDF3



FF9BC4



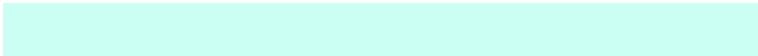
FFA383

Sweetspot

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



45D0B2



CCFFF4



63D045



618079



000000



808080

Same Dimension

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



45D0B2



33FFD3



45A9D0



5E6966



00A884



002920

Inverse Universe

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



D04563



FF335F



D06C45



695E60



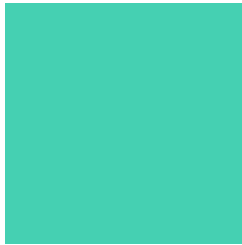
A80024



290009

Previews

White Background



This preview shows how the Hex color 45D0B2 looks on a white background.

Color Contrast Check

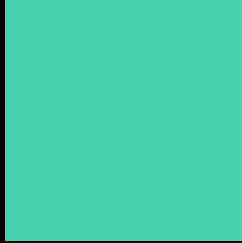
Large Text (above 18pt) WCAG AA × Fail

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 45D0B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

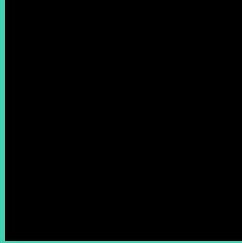
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

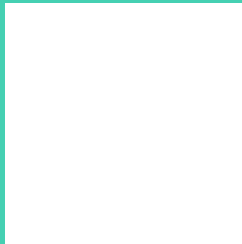
Any Text WCAG AAA ✓ Pass

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

Hex 45D0B2 Background



This preview shows how black text looks on a background with the Hex color 45D0B2.

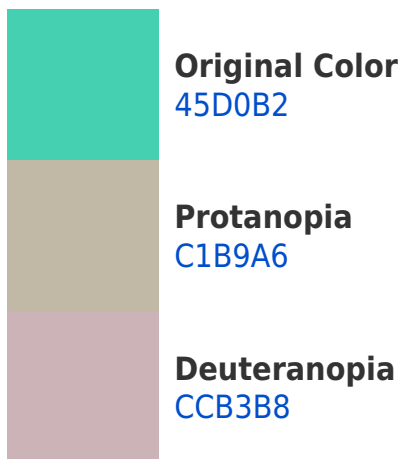


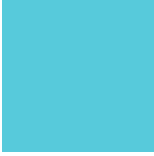
This preview shows how white text looks on a background with the Hex color 45D0B2.

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
57CADB

Trichromacy



Original Color
45D0B2



Protanomaly
94C1AA



Deuteranomaly
9BBEB6



Tritanomaly
50CCCC

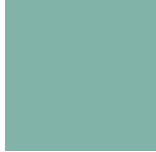
Monochromacy



Original Color
45D0B2



Achromatopsia
A3A3A3



Achromatomaly
81B3A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 45D0B2 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 #45D0B2 looks like.

```
.text, #text, p{  
    color:#45D0B2  
}
```

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 #45D0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D0B2
}
```

Border

The CSS property to change the border of an element to Hex 45D0B2 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
#45D0B2 }
```

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

```
.border{ border-color:#45D0B2 }
```

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

Here you see how a box with a 4 pixel #45D0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D0B2; -webkit-box-shadow:4px 4px  
4px 4px #45D0B2; box-shadow:4px 4px 4px  
4px #45D0B2 }
```

Background

The CSS property to change the background color of an element to Hex 45D0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D0B2 }
```

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

```
.background{ background-color:#45D0B2 }
```

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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