

Converting Colors

Hex(47D0B4)

Have a look what the booklet for
Hex(47D0B4) contains.

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Color

Hex(47D0B4)

Conversions

Conversions Part 1

Format	Color
Hex	47D0B4
RGB	71, 208, 180
RGB Percent	28%, 82%, 71%
CMY	0.7216, 0.1843, 0.2941
CMYK	0.66, 0.00, 0.13, 0.18
HSL	168°, 59%, 55%
HSV	168°, 66%, 82%
XYZ	33.3926, 49.7466, 51.0221
YIQ	163.8450, -72.6640, -37.7520

Conversions

Conversions Part 2

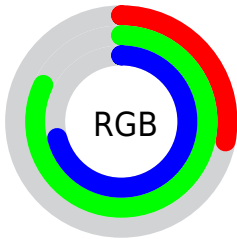
Format	Color
RYB	71, 147, 208
Decimal	4706484
CIELab	75.91, -43.37, 3.13
CIElCh	76, 43.482, 175.876
Yxy	49.7466, 0.2489, 0.3708
Android (android.graphics.Color)	4282896564 (0xFF47D0B4)
YUV	163.8450, 7.9644, -81.4251
Hunter-Lab	70.5313, -38.9200, 6.4817

Details

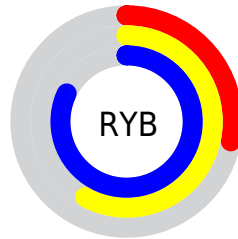
The Hex color **47D0B4** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D04763**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **87FFEC**, and **00997F** is the 20% darker color. If you saturate the color by 10%, you get **32D0B0**, and if you desaturate by 10%, it is **5CD0B8**.

Distribution



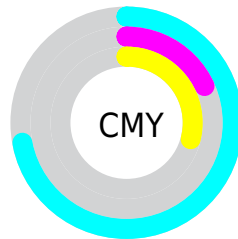
- Red (28%)
- Green (82%)
- Blue (71%)



- Red (28%)
- Yellow (58%)
- Blue (82%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (72%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D0B4 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 47D0B4 by changing the saturation by 10% instead.

 47D0B4

 47D0B4

FFFFFF

 1DB499

 87FFEC

 00997F

 A5FFFF

 007E66

 C3FFFF

 00644E

 E1FFFF

 004B38

 003422

 001D0D

 000000

 47D0B4

 47D0B4

 32D0B0

 5CD0B8

 1DD0AB

 71D0BD

 09D0A7

 85D0C1

 00D0A5

 9AD0C5

 AFD0C9

 C4D0CE

 D9D0D2

 EDD0D6

 FFD0DA

Harmonies

Analogous

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



82CC8D



47D0B4



00D0DD

Triad

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



47D0B4



B7B3FF



F9A97A

Complementary

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



47D0B4



D04763

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.



FF9E9A



47D0B4



E8A4E9

Square

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



47D0B4



74C1FF



FF9CC2



DAB76A

Rectangle

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



47D0B4



00CDF4



FF9CC2



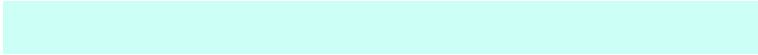
FFA483

Sweetspot

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



47D0B4



CCFFF5



65D047



618079



000000



808080

Same Dimension

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



47D0B4



36FFD6



47A9D0



5E6966



00A886



002920

Inverse Universe

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



D04763



FF365F



D06E47



695E60



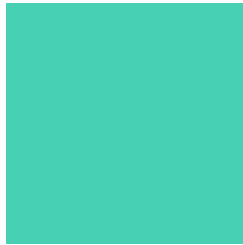
A80022



290008

Previews

White Background



This preview shows how the Hex color 47D0B4 looks on a white background.

Color Contrast Check

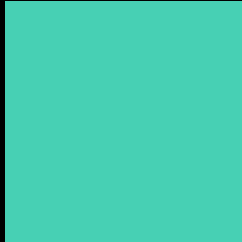
Large Text (above 18pt) WCAG AA × Fail

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 47D0B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

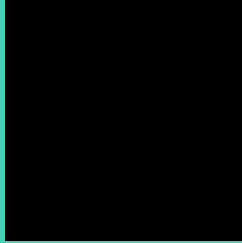
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

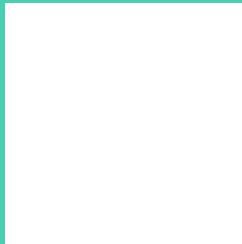
Any Text WCAG AAA ✓ Pass

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

Hex 47D0B4 Background



This preview shows how black text looks on a background with the Hex color 47D0B4.

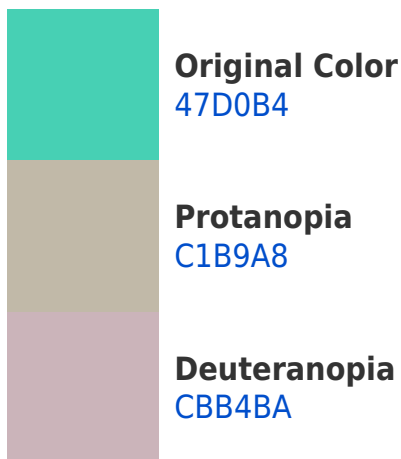


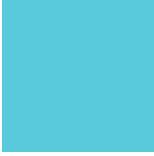
This preview shows how white text looks on a background with the Hex color 47D0B4.

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
58CADB

Trichromacy



Original Color
47D0B4



Protanomaly
95C1AC



Deuteranomaly
9BBEB8



Tritanomaly
52CCCD

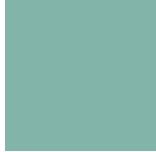
Monochromacy



Original Color
47D0B4



Achromatopsia
A4A4A4



Achromatomaly
82B4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 47D0B4 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 #47D0B4 looks like.

```
.text, #text, p{  
    color:#47D0B4  
}
```

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 #47D0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D0B4
}
```

Border

The CSS property to change the border of an element to Hex 47D0B4 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
#47D0B4 }
```

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

```
.border{ border-color:#47D0B4 }
```

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

Here you see how a box with a 4 pixel #47D0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D0B4; -webkit-box-shadow:4px 4px  
4px 4px #47D0B4; box-shadow:4px 4px 4px  
4px #47D0B4 }
```

Background

The CSS property to change the background color of an element to Hex 47D0B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D0B4 }
```

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

```
.background{ background-color:#47D0B4 }
```

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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