

Converting Colors

Hex(48D2EA)

Have a look what the booklet for
Hex(48D2EA) contains.

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Color

Hex(48D2EA)

Conversions

Conversions Part 1

Format	Color
Hex	48D2EA
RGB	72, 210, 234
RGB Percent	28%, 82%, 92%
CMY	0.7176, 0.1765, 0.0824
CMYK	0.69, 0.10, 0.00, 0.08
HSL	189°, 79%, 60%
HSV	189°, 69%, 92%
XYZ	40.5704, 53.4114, 86.0131
YIQ	171.4740, -89.9520, -21.7920

Conversions

Conversions Part 2

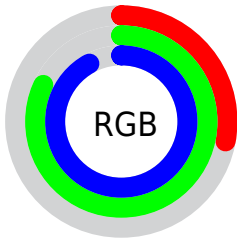
Format	Color
R _Y B	72, 147, 234
Decimal	4772586
CIE Lab	78.12, -29.21, -22.61
CIE LCh	78, 36.940, 217.744
Yxy	53.4114, 0.2254, 0.2967
Android (android.graphics.Color)	4282962666 (0xFF48D2EA)
YUV	171.4740, 30.8253, -87.2387
Hunter-Lab	73.0831, -28.8054, -18.6215

Details

The Hex color **48D2EA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EA6048**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8CFFFF**, and **009BB2** is the 20% darker color. If you saturate the color by 10%, you get **31CFEA**, and if you desaturate by 10%, it is **5FD5EA**.

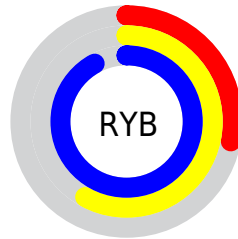
Distribution



Red (28%)

Green (82%)

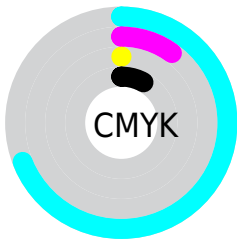
Blue (92%)



Red (28%)

Yellow (58%)

Blue (92%)

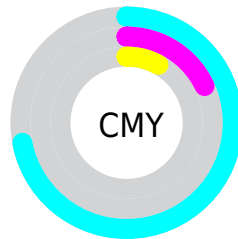


Cyan (69%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48D2EA 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 48D2EA by changing the saturation by 10% instead.

 48D2EA

 48D2EA

FFFFFF

 14B6CE

 8CFFFF

 009BB2

 ABFFFF

 008197

 CAFFFF

 00677E

 E9FFFF

 004F64

 00374C

 002336

 000221

 000005

■ 48D2EA

■ 48D2EA

■ 31CFEA

■ 5FD5EA

■ 19CBEA

■ 77D9EA

■ 02C8EA

■ 8EDCEA

■ 00C7EA

■ A6E0EA

■ BDE3EA

■ D4E7EA

■ ECEAEA

■ FFEEEA

■ FFF1EA

Harmonies

Analogous

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



59D4C9



48D2EA



6ACCFE

Triad

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



48D2EA



F4ABDC



D0C27D

Complementary

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



48D2EA



EA6048

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.



EEB682



48D2EA



FFA7B9

Square

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



48D2EA



D1B5F7



FFAC99



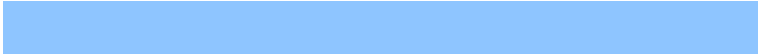
AACC8A

Rectangle

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



48D2EA



8EC5FF



FFAC99



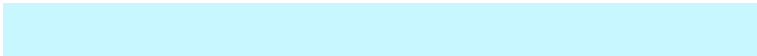
DBBE7C

Sweetspot

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



48D2EA



C9F7FF



48EA5E



607B80



000000



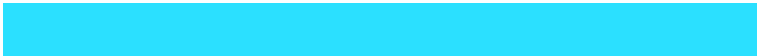
808080

Same Dimension

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



48D2EA



2BE0FF



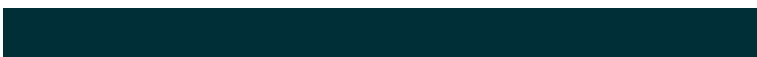
4883EA



6A7475



009AB5



002E36

Inverse Universe

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



EA48D2



FF2BE0



EAAF48



756A74



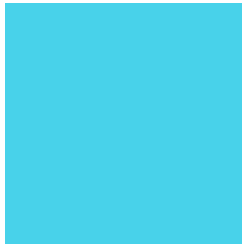
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 48D2EA looks on a white background.

Color Contrast Check

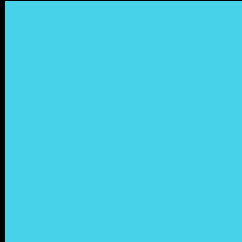
Large Text (above 18pt) WCAG AA × Fail

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 48D2EA 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 48D2EA Background



This preview shows how black text looks on a background with the Hex color 48D2EA.

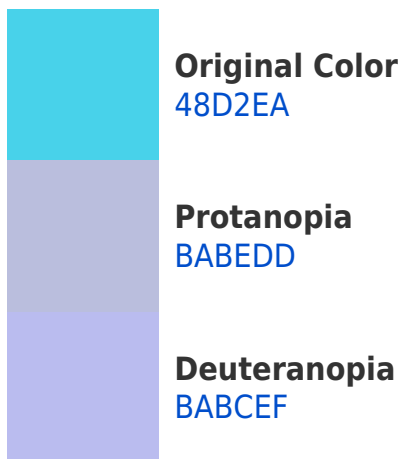


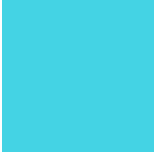
This preview shows how white text looks on a background with the Hex color 48D2EA.

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](#).

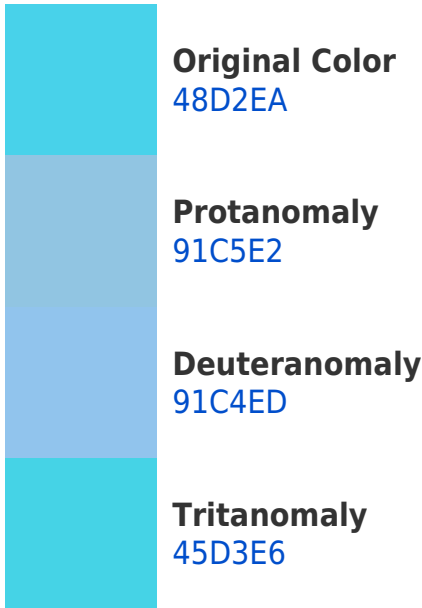
Dichromacy





Tritanopia
44D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48D2EA 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 #48D2EA looks like.

```
.text, #text, p{  
    color:#48D2EA  
}
```

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 #48D2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D2EA
}
```

Border

The CSS property to change the border of an element to Hex 48D2EA 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
#48D2EA }
```

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

```
.border{ border-color:#48D2EA }
```

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

Here you see how a box with a 4 pixel #48D2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D2EA; -webkit-box-shadow:4px 4px  
4px 4px #48D2EA; box-shadow:4px 4px 4px  
4px #48D2EA }
```

Background

The CSS property to change the background color of an element to Hex 48D2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D2EA }
```

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

```
.background{ background-color:#48D2EA }
```

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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