

Converting Colors

Hex(48D2E3)

Have a look what the booklet for
Hex(48D2E3) contains.

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Color

Hex(48D2E3)

Conversions

Conversions Part 1

Format	Color
Hex	48D2E3
RGB	72, 210, 227
RGB Percent	28%, 82%, 89%
CMY	0.7176, 0.1765, 0.1098
CMYK	0.68, 0.07, 0.00, 0.11
HSL	187°, 73%, 59%
HSV	187°, 68%, 89%
XYZ	39.5842, 53.0170, 80.8200
YIQ	170.6760, -87.7050, -23.9690

Conversions

Conversions Part 2

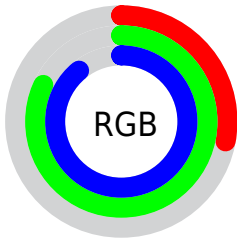
Format	Color
RYB	72, 145, 227
Decimal	4772579
CIELab	77.89, -31.29, -19.21
CIELCh	78, 36.715, 211.557
Yxy	53.0170, 0.2283, 0.3057
Android (android.graphics.Color)	4282962659 (0xFF48D2E3)
YUV	170.6760, 27.7677, -86.5389
Hunter-Lab	72.8127, -30.3819, -14.8413

Details

The Hex color **48D2E3** 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 **E35948**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8BFFFF**, and **009BAC** is the 20% darker color. If you saturate the color by 10%, you get **31D0E3**, and if you desaturate by 10%, it is **5FD4E3**.

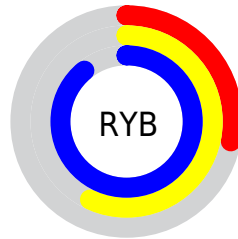
Distribution



Red (28%)

Green (82%)

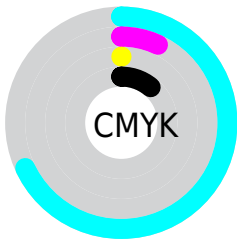
Blue (89%)



Red (28%)

Yellow (57%)

Blue (89%)

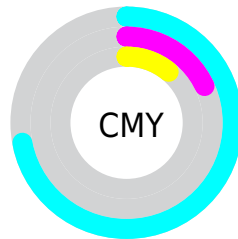


Cyan (68%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48D2E3 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 48D2E3 by changing the saturation by 10% instead.

 48D2E3

 48D2E3

FFFFFF

 16B6C7

 8BFFFF

 009BAC

 AAFFFF

 008191

 C9FFFF

 006777

 E8FFFF

 004F5F

 003747

 002330

 00011C

 000000

 48D2E3

 48D2E3

 31D0E3

 5FD4E3

 1BCDE3

 75D7E3

 04CBE3

 8CD9E3

 00CAE3

 A3DCE3

 BADEE3

 D0E1E3

 E7E3E3

 FEE6E3

 FFE8E3

Harmonies

Analogous

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



61D3C1



48D2E3



61CDFC

Triad

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



48D2E3



EDACE2



D6BF7C

Complementary

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



48D2E3



E35948

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.



F2B386



48D2E3



FFA7C0

Square

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



48D2E3



C7B7FB



FFAA9F



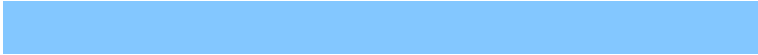
B2C985

Rectangle

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



48D2E3



83C7FF



FFAA9F



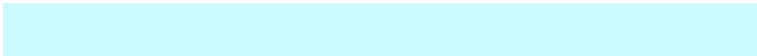
E1BB7D

Sweetspot

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



48D2E3



CCF9FF



48E357



617C80



000000



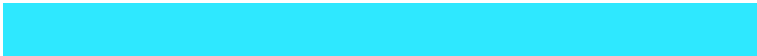
808080

Same Dimension

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



48D2E3



2EE8FF



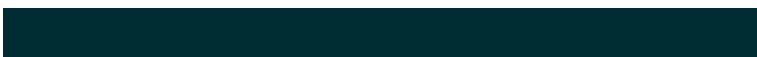
4886E3



677173



009FB3



002D33

Inverse Universe

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



E348D2



FF2EE8



E3A548



736771



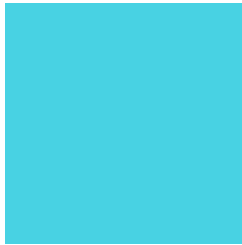
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 48D2E3 looks on a white background.

Color Contrast Check

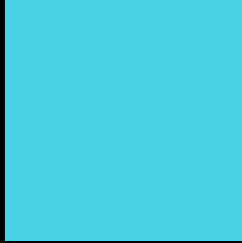
Large Text (above 18pt) WCAG AA × Fail

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 48D2E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

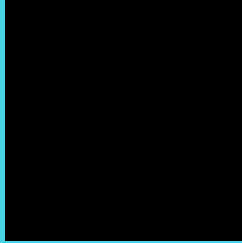
Any Text WCAG AA ✓ Pass

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 48D2E3 Background



This preview shows how black text looks on a background with the Hex color 48D2E3.

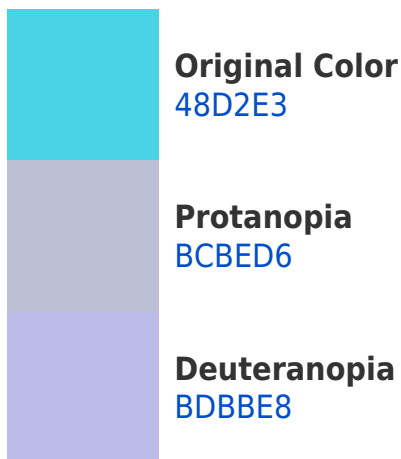


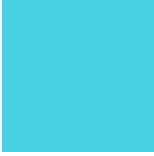
This preview shows how white text looks on a background with the Hex color 48D2E3.

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



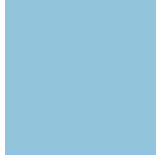


Tritanopia
48D2E3

Trichromacy



Original Color
48D2E3



Protanomaly
92C5DB



Deuteranomaly
92C3E6

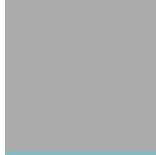


Tritanomaly
48D2E3

Monochromacy



Original Color
48D2E3



Achromatopsia
ABABAB



Achromatomaly
87B9BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 48D2E3 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 #48D2E3 looks like.

```
.text, #text, p{  
    color:#48D2E3  
}
```

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 #48D2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D2E3
}
```

Border

The CSS property to change the border of an element to Hex 48D2E3 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
#48D2E3 }
```

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

```
.border{ border-color:#48D2E3 }
```

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

Here you see how a box with a 4 pixel #48D2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D2E3; -webkit-box-shadow:4px 4px  
4px 4px #48D2E3; box-shadow:4px 4px 4px  
4px #48D2E3 }
```

Background

The CSS property to change the background color of an element to Hex 48D2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D2E3 }
```

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

```
.background{ background-color:#48D2E3 }
```

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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