

Converting Colors

Hex(47D6E8)

Have a look what the booklet for
Hex(47D6E8) contains.

Hex(47D6E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47D6E8)

Conversions

Conversions Part 1

Format	Color
Hex	47D6E8
RGB	71, 214, 232
RGB Percent	28%, 84%, 91%
CMY	0.7216, 0.1608, 0.0902
CMYK	0.69, 0.08, 0.00, 0.09
HSL	187°, 78%, 59%
HSV	187°, 69%, 91%
XYZ	41.2106, 55.2589, 84.8379
YIQ	173.2950, -91.0060, -24.7180

Conversions

Conversions Part 2

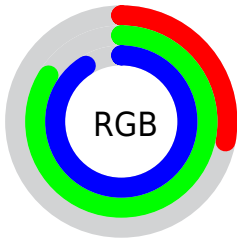
Format	Color
RYB	71, 147, 232
Decimal	4708072
CIELab	79.19, -31.87, -19.92
CIELCh	79, 37.578, 212.006
Yxy	55.2589, 0.2273, 0.3048
Android (android.graphics.Color)	4282898152 (0xFF47D6E8)
YUV	173.2950, 28.9416, -89.7127
Hunter-Lab	74.3363, -31.1318, -15.6305

Details

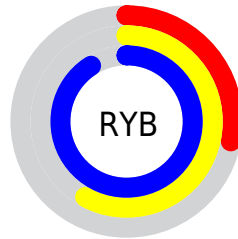
The Hex color **47D6E8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E85947**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8BFFFF**, and **009FB0** is the 20% darker color. If you saturate the color by 10%, you get **30D3E8**, and if you desaturate by 10%, it is **5ED9E8**.

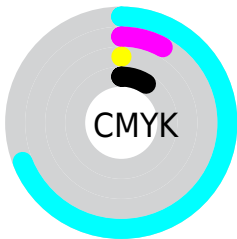
Distribution



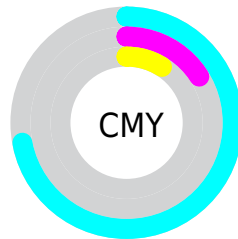
- Red (28%)
- Green (84%)
- Blue (91%)



- Red (28%)
- Yellow (58%)
- Blue (91%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (72%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D6E8 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 47D6E8 by changing the saturation by 10% instead.

 47D6E8

 47D6E8

FFFFFF

 10BACC

 8BFFFF

 009FB0

 AAFFFF

 008496

 C9FFFF

 006B7C

 E8FFFF

 005263

 003A4B

 002534

 000220

 000003

■ 47D6E8

■ 47D6E8

■ 30D3E8

■ 5ED9E8

■ 19D1E8

■ 75DBE8

■ 01CEE8

■ 8DDEE8

■ 00CEE8

■ A4E0E8

■ BBE3E8

■ D2E6E8

■ E9E8E8

■ FFE8E8

■ FFEDE8

Harmonies

Analogous

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



61D7C5



47D6E8



62D0FF

Triad

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



47D6E8



F3AFE6



DAC37E

Complementary

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



47D6E8



E85947

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.



F7B787



47D6E8



FFA9C3

Square

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



47D6E8



CCBAFF



FFADA1



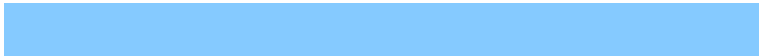
B5CD88

Rectangle

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



47D6E8



85CAFF



FFADA1



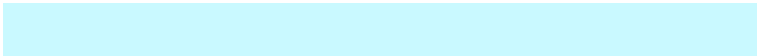
E5BF7F

Sweetspot

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



47D6E8



C9F9FF



47E857



607C80



000000



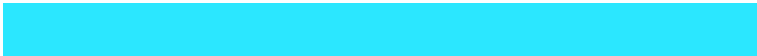
808080

Same Dimension

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



47D6E8



2BE7FF



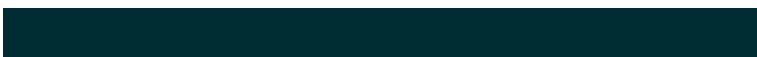
4787E8



677173



009FB3



002D33

Inverse Universe

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



E847D6



FF2BE7



E8A847



736771



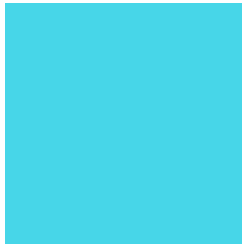
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 47D6E8 looks on a white background.

Color Contrast Check

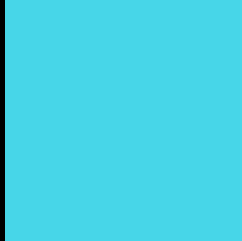
Large Text (above 18pt) WCAG AA × Fail

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 47D6E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

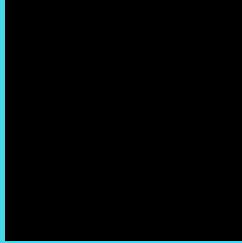
Any Text WCAG AA ✓ Pass

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 47D6E8 Background



This preview shows how black text looks on a background with the Hex color 47D6E8.

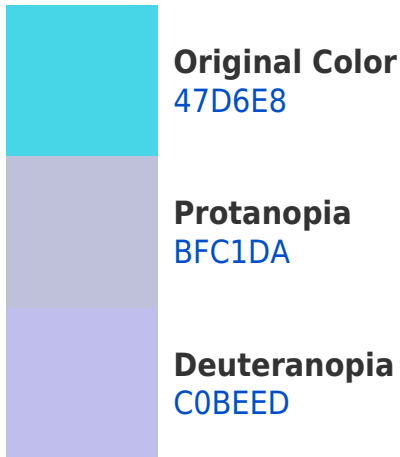


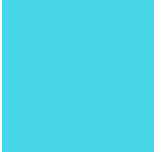
This preview shows how white text looks on a background with the Hex color 47D6E8.

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
47D6E7

Trichromacy



Original Color
47D6E8



Protanomaly
93C9DF



Deuteranomaly
94C7EB

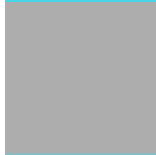


Tritanomaly
47D6E7

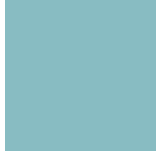
Monochromacy



Original Color
47D6E8



Achromatopsia
ADADAD



Achromatomaly
88BCC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 47D6E8 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 #47D6E8 looks like.

```
.text, #text, p{  
    color:#47D6E8  
}
```

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 #47D6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D6E8
}
```

Border

The CSS property to change the border of an element to Hex 47D6E8 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
#47D6E8 }
```

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

```
.border{ border-color:#47D6E8 }
```

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

Here you see how a box with a 4 pixel #47D6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D6E8; -webkit-box-shadow:4px 4px  
4px 4px #47D6E8; box-shadow:4px 4px 4px  
4px #47D6E8 }
```

Background

The CSS property to change the background color of an element to Hex 47D6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D6E8 }
```

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

```
.background{ background-color:#47D6E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor