

Converting Colors

Hex(47D4E5)

Have a look what the booklet for
Hex(47D4E5) contains.

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Color

Hex(47D4E5)

Conversions

Conversions Part 1

Format	Color
Hex	47D4E5
RGB	71, 212, 229
RGB Percent	28%, 83%, 90%
CMY	0.7216, 0.1686, 0.1020
CMYK	0.69, 0.07, 0.00, 0.10
HSL	186°, 75%, 59%
HSV	186°, 69%, 90%
XYZ	40.2849, 54.0837, 82.4447
YIQ	171.7790, -89.4930, -24.6050

Conversions

Conversions Part 2

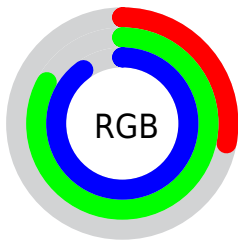
Format	Color
RYB	71, 146, 229
Decimal	4707557
CIELab	78.51, -31.79, -19.34
CIElCh	79, 37.212, 211.316
Yxy	54.0837, 0.2278, 0.3059
Android (android.graphics.Color)	4282897637 (0xFF47D4E5)
YUV	171.7790, 28.2100, -88.3832
Hunter-Lab	73.5416, -30.9185, -14.9886

Details

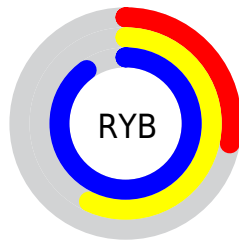
The Hex color **47D4E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E55847**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **8BFFFF**, and **009DAE** is the 20% darker color. If you saturate the color by 10%, you get **30D2E5**, and if you desaturate by 10%, it is **5ED6E5**.

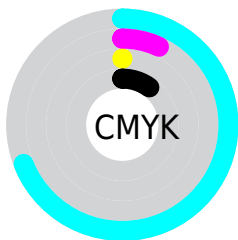
Distribution



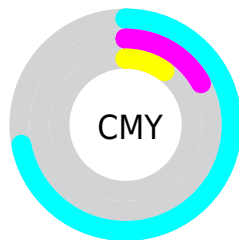
- Red (28%)
- Green (83%)
- Blue (90%)



- Red (28%)
- Yellow (57%)
- Blue (90%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (72%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D4E5 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 47D4E5 by changing the saturation by 10% instead.

 47D4E5

 47D4E5

FFFFFF

 12B8C9

 8BFFFF

 009DAE

 AAFFFF

 008393

 C9FFFF

 006979

 E8FFFF

 005060

 003949

 002432

 00021D

 000000

 47D4E5

 47D4E5

 30D2E5

 5ED6E5

 19CFE5

 75D9E5

 02CDE5

 8CDBE5

 00CCE5

 A3DEE5

 B9E0E5

 D0E3E5

 E7E5E5

 FEE8E5

 FFEAE5

Harmonies

Analogous

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



61D5C3



47D4E5



60CFFE

Triad

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



47D4E5



EFADE4



D8C17D

Complementary

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



47D4E5



E55847

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.



F5B587



47D4E5



FFA8C2

Square

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



47D4E5



C9B9FD



FFABA0



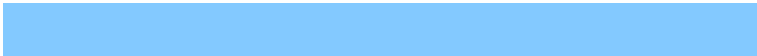
B4CB86

Rectangle

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



47D4E5



83C9FF



FFABA0



E3BD7E

Sweetspot

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



47D4E5



C9F9FF



47E557



607C80



000000



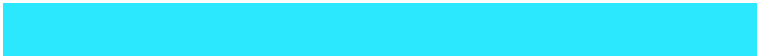
808080

Same Dimension

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



47D4E5



2BE8FF



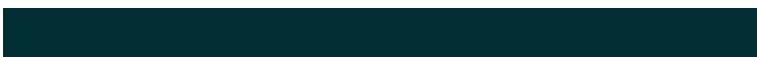
4786E5



677273



009FB3



002E33

Inverse Universe

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



E547D4



FF2BE8



E5A647



736772



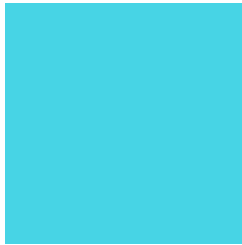
B3009F



33002E

Previews

White Background



This preview shows how the Hex color 47D4E5 looks on a white background.

Color Contrast Check

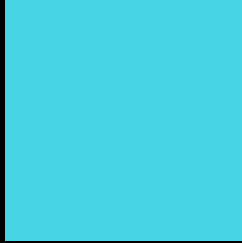
Large Text (above 18pt) WCAG AA × Fail

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 47D4E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

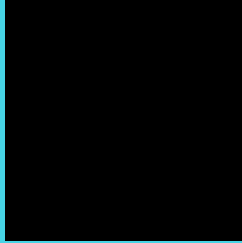
Any Text WCAG AA ✓ Pass

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 47D4E5 Background



This preview shows how black text looks on a background with the Hex color 47D4E5.

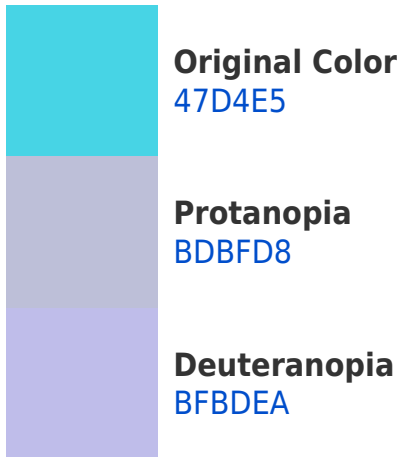


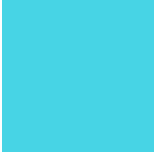
This preview shows how white text looks on a background with the Hex color 47D4E5.

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](#).

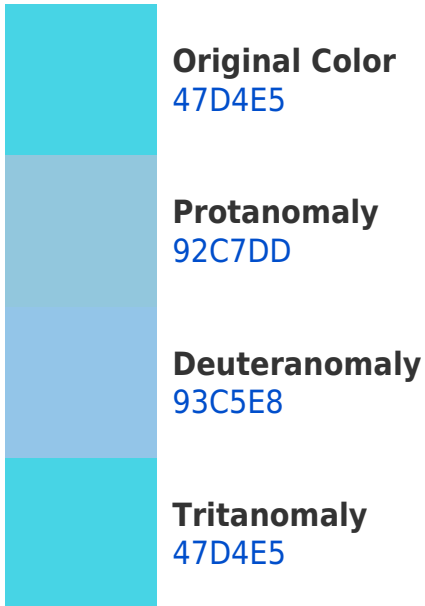
Dichromacy



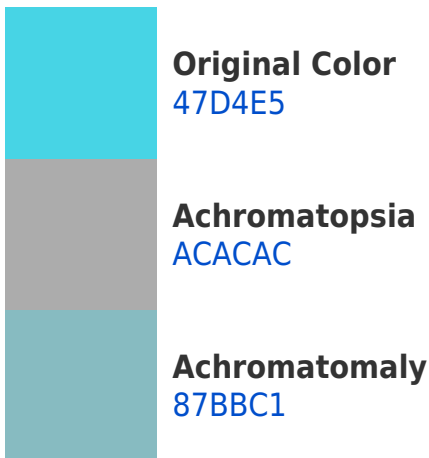


Tritanopia
47D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47D4E5 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 #47D4E5 looks like.

```
.text, #text, p{  
    color:#47D4E5  
}
```

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 #47D4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D4E5
}
```

Border

The CSS property to change the border of an element to Hex 47D4E5 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
#47D4E5 }
```

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

```
.border{ border-color:#47D4E5 }
```

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

Here you see how a box with a 4 pixel #47D4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D4E5; -webkit-box-shadow:4px 4px  
4px 4px #47D4E5; box-shadow:4px 4px 4px  
4px #47D4E5 }
```

Background

The CSS property to change the background color of an element to Hex 47D4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D4E5 }
```

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

```
.background{ background-color:#47D4E5 }
```

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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