

# Converting Colors

Hex(42D4E5)

Have a look what the booklet for  
Hex(42D4E5) contains.

<b>Hex(42D4E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(42D4E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D4E5
RGB	66, 212, 229
RGB Percent	26%, 83%, 90%
CMY	0.7412, 0.1686, 0.1020
CMYK	0.71, 0.07, 0.00, 0.10
HSL	186°, 76%, 58%
HSV	186°, 71%, 90%
XYZ	39.9331, 53.9024, 82.4282
YIQ	170.2840, -92.4730, -25.6650

# Conversions

## Conversions Part 2

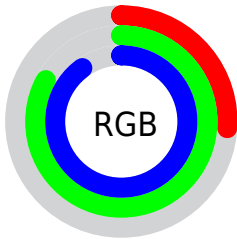
Format	Color
<b>RYB</b>	66, 143, 229
Decimal	4379877
CIELab	78.40, -32.43, -19.51
CIELCh	78, 37.849, 211.032
Yxy	53.9024, 0.2266, 0.3058
Android (android.graphics.Color)	4282569957 (0xFF42D4E5)
YUV	170.2840, 28.9470, -91.4571
Hunter-Lab	73.4182, -31.3935, -15.1734

# Details

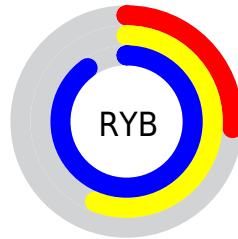
The Hex color **42D4E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E5342**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **87FFFF**, and **009DAE** is the 20% darker color. If you saturate the color by 10%, you get **2BD2E5**, and if you desaturate by 10%, it is **59D6E5**.

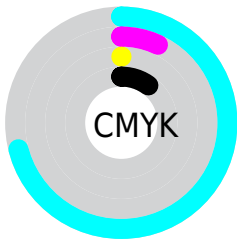
# Distribution



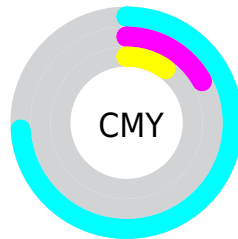
- Red (26%)
- Green (83%)
- Blue (90%)



- Red (26%)
- Yellow (56%)
- Blue (90%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (74%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42D4E5 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 42D4E5 by changing the saturation by 10% instead.



 42D4E5

 42D4E5

FFFFFF

 00B8C9

 87FFFF

 009DAE

 A7FFFF

 008293

 C6FFFF

 006979

 E5FFFF

 005060

 003949

 002432

 00021D

 000000

 42D4E5

 42D4E5

 2BD2E5

 59D6E5

 14CFE5

 70D9E5

 00CDE5

 87DBE5

 9EDEE5

 B5E0E5

 CBE2E5

 E2E5E5

 F9E7E5

 FFE9E5

# Harmonies

## Analogous

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



5FD5C2



42D4E5



5CCFFF

# Triad

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



42D4E5



F0ADE5



D9C07B

# Complementary

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



42D4E5



E55342

# 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.



F6B485



42D4E5



FFA7C2

# Square

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



42D4E5



C8B8FE



FFAA9F



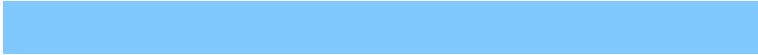
B4CB85

# Rectangle

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



42D4E5



80C9FF



FFAA9F



E3BC7D

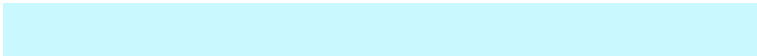


# Sweetspot

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



42D4E5



C9F9FF



42E552



607C80



000000



808080

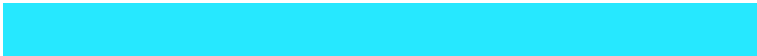


# Same Dimension

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



42D4E5



26E8FF



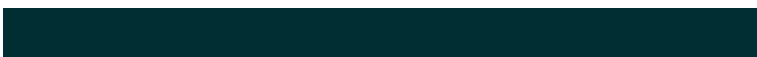
4283E5



677273



00A0B3



002E33



# Inverse Universe

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



E542D4



FF26E8



E5A442



736772



B300A0

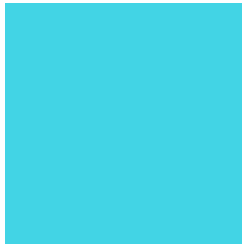


33002E



# Previews

## White Background



This preview shows how the Hex color 42D4E5 looks on a white background.

## Color Contrast Check

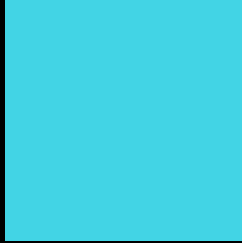
Large Text (above 18pt) WCAG AA × Fail

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 42D4E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

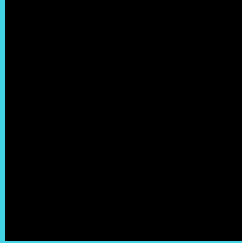
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42D4E5 Background



This preview shows how black text looks on a background with the Hex color 42D4E5.

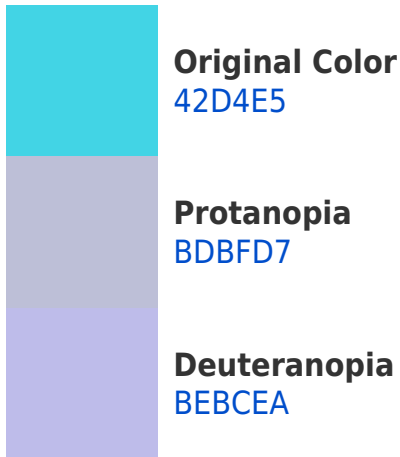


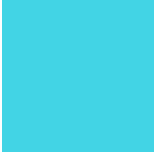
This preview shows how white text looks on a background with the Hex color 42D4E5.

# 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](#).

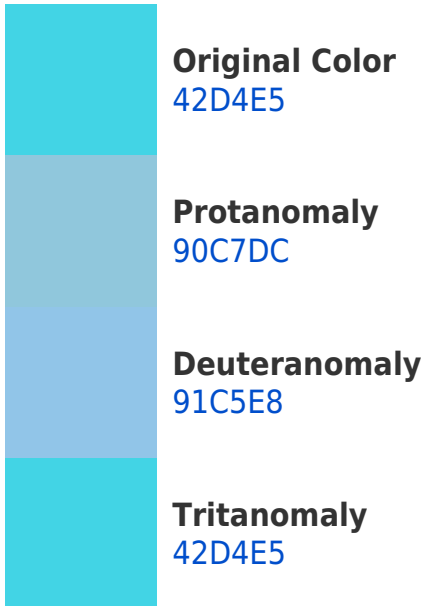
## Dichromacy



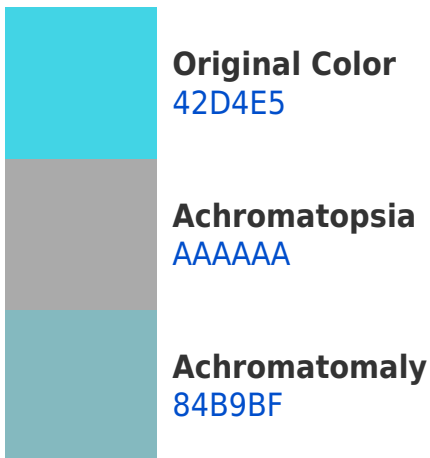


**Tritanopia**  
42D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42D4E5 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 #42D4E5 looks like.

```
.text, #text, p{  
    color:#42D4E5  
}
```

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 #42D4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D4E5
}
```

## Border

The CSS property to change the border of an element to Hex 42D4E5 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
#42D4E5 }
```

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

```
.border{ border-color:#42D4E5 }
```

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

Here you see how a box with a 4 pixel #42D4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D4E5; -webkit-box-shadow:4px 4px  
4px 4px #42D4E5; box-shadow:4px 4px 4px  
4px #42D4E5 }
```

# Background

The CSS property to change the background color of an element to Hex 42D4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D4E5 }
```

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

```
.background{ background-color:#42D4E5 }
```

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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