

# Converting Colors

Hex(4DDBF5)

Have a look what the booklet for  
Hex(4DDBF5) contains.

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# **Color**

**Hex(4DDBF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DDBF5
RGB	77, 219, 245
RGB Percent	30%, 86%, 96%
CMY	0.6980, 0.1412, 0.0392
CMYK	0.69, 0.11, 0.00, 0.04
HSL	189°, 89%, 63%
HSV	189°, 69%, 96%
XYZ	44.8735, 58.8334, 95.3771
YIQ	179.5060, -92.9780, -22.0180

# Conversions

## Conversions Part 2

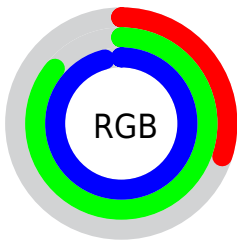
Format	Color
<a href="#">RYB</a>	<a href="#">77, 154, 245</a>
Decimal	<a href="#">5102581</a>
CIELab	<a href="#">81.20, -29.63, -23.78</a>
CIELCh	<a href="#">81, 37.993, 218.743</a>
Yxy	<a href="#">58.8334, 0.2254, 0.2955</a>
Android (android.graphics.Color)	<a href="#">4283292661 (0xFF4DDBF5)</a>
YUV	<a href="#">179.5060, 32.2885, -89.8978</a>
Hunter-Lab	<a href="#">76.7029, -29.8023, -20.0328</a>

# Details

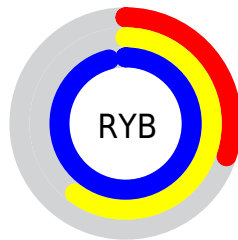
The Hex color **4DDBF5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F5674D**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **91FFFF**, and **00A4BD** is the 20% darker color. If you saturate the color by 10%, you get **34D7F5**, and if you desaturate by 10%, it is **65DFF5**.

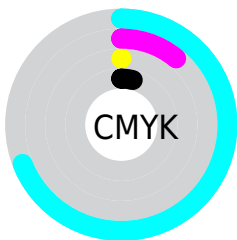
# Distribution



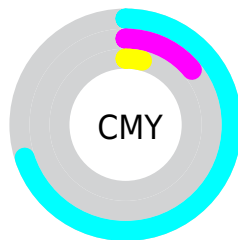
- Red (30%)
- Green (86%)
- Blue (96%)



- Red (30%)
- Yellow (60%)
- Blue (96%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (70%)
- Magenta (14%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DDBF5 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 4DDBF5 by changing the saturation by 10% instead.



 4DDBF5

 4DDBF5

FFFFFF

 1CBFD9

 91FFFF

 00A4BD

 B0FFFF

 0089A2

 CFFFFFF

 006F87

 EFFFFFF

 00576E

 003F56

 00293E

 000B28

 000113

 4DDBF5

 4DDBF5

 34D7F5

 65DFF5

 1CD3F5

 7EE3F5

 03D0F5

 96E6F5

 00CFF5

 AFEAF5

 C7EEF5

 E0F2F5

 F9F6F5

 FFF9F5

 FFFDF5

# Harmonies

## Analogous

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



5DDDD3



4DDBF5



72D4FF

# Triad

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



4DDBF5



FFB2E4



D8CB83

# Complementary

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



4DDBF5



F5674D

# 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.



F8BF88



4DDBF5



FFAFC0

# Square

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



4DDBF5



DCBDFF



FFB49F



B1D591

# Rectangle

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



4DDBF5



97CEFF



FFB49F



E3C782

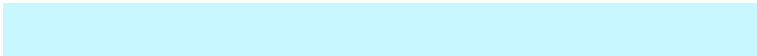


# Sweetspot

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



4DDBF5



C9F7FF



4DF566



607B80



000000



808080

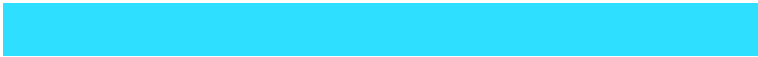


# Same Dimension

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



4DDBF5



2EDFFF



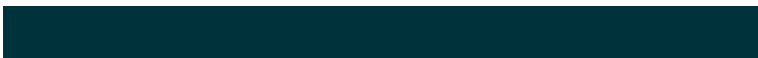
4D88F5



6E797A



009DBA



00323B



# Inverse Universe

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



F54DDB



FF2EDF



F5BA4D



7A6E79



BA009D

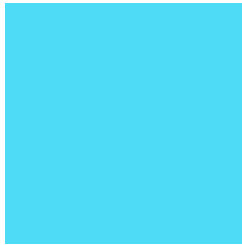


3B0032



# Previews

## White Background



This preview shows how the Hex color 4DDBF5 looks on a white background.

## Color Contrast Check

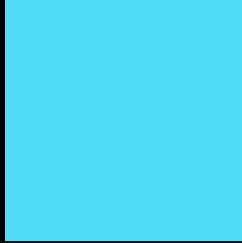
Large Text (above 18pt) WCAG AA × Fail

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 4DDBF5 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 4DDBF5 Background



This preview shows how black text looks on a background with the Hex color 4DDBF5.

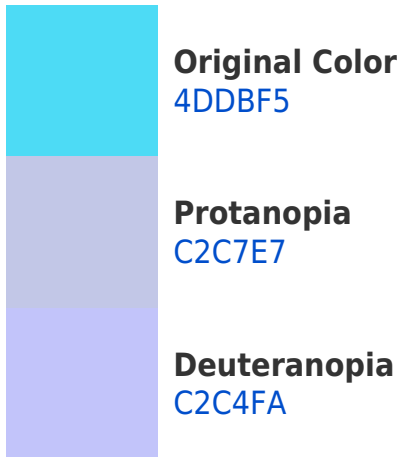


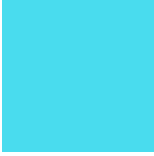
This preview shows how white text looks on a background with the Hex color 4DDBF5.

# 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](#).

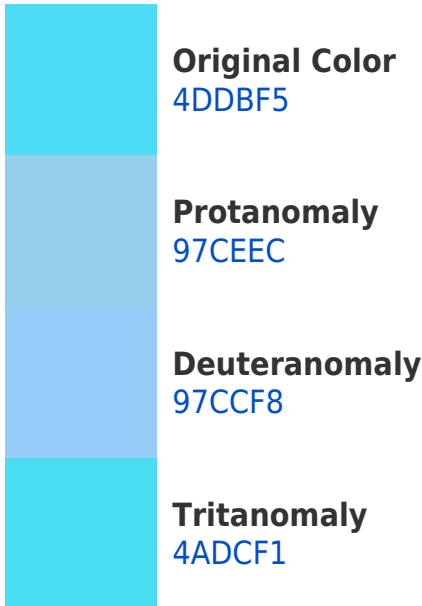
## Dichromacy





**Tritanopia**  
49DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DDBF5 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 #4DDBF5 looks like.

```
.text, #text, p{  
    color:#4DDBF5  
}
```

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 #4DDBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDBF5  
}
```

## Border

The CSS property to change the border of an element to Hex 4DDBF5 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  
#4DDBF5 }
```

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

```
.border{ border-color:#4DDBF5 }
```

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

Here you see how a box with a 4 pixel #4DDBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDBF5; -webkit-box-shadow:4px 4px  
4px 4px #4DDBF5; box-shadow:4px 4px 4px  
4px #4DDBF5 }
```

# Background

The CSS property to change the background color of an element to Hex 4DDBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDBF5 }
```

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

```
.background{ background-color:#4DDBF5 }
```

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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