

Converting Colors

Hex(7DDBF5)

Have a look what the booklet for
Hex(7DDBF5) contains.

Hex(7DDBF5)	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(7DDBF5)

Conversions

Conversions Part 1

Format	Color
Hex	7DDBF5
RGB	125, 219, 245
RGB Percent	49%, 86%, 96%
CMY	0.5098, 0.1412, 0.0392
CMYK	0.49, 0.11, 0.00, 0.04
HSL	193°, 86%, 73%
HSV	193°, 49%, 96%
XYZ	50.2704, 61.6156, 95.6297
YIQ	193.8580, -64.3700, -11.8420

Conversions

Conversions Part 2

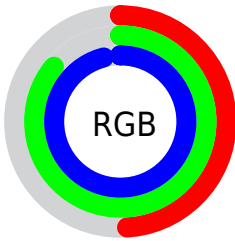
Format	Color
RYB	125, 178, 245
Decimal	8248309
CIELab	82.71, -21.11, -21.34
CIELCh	83, 30.023, 225.311
Yxy	61.6156, 0.2422, 0.2969
Android (android.graphics.Color)	4286438389 (0xFF7DDBF5)
YUV	193.8580, 25.2130, -60.3885
Hunter-Lab	78.4956, -23.0518, -17.2849

Details

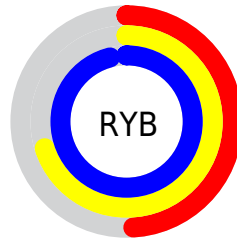
The Hex color **7DDBF5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5977D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B8FFFF**, and **3FA4BD** is the 20% darker color. If you saturate the color by 10%, you get **64D6F5**, and if you desaturate by 10%, it is **96E0F5**.

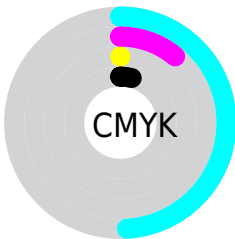
Distribution



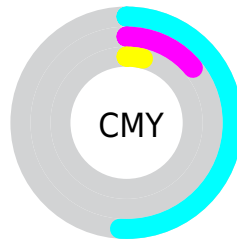
- Red (49%)
- Green (86%)
- Blue (96%)



- Red (49%)
- Yellow (70%)
- Blue (96%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DDBF5 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 7DDBF5 by changing the saturation by 10% instead.

 7DDBF5

 7DDBF5

FFFFFF

 5FBFD9

 B8FFFF

 3FA4BD

 D5FFFF

 1689A2

 F3FFFF

 007087

 00576E

 004056

 00293E

 001328

 000113

 7DDBF5

 7DDBF5

 64D6F5

 96E0F5

 4CD0F5

 AEE6F5

 33CBF5

 C7EBF5

 1BC6F5

 DFF0F5

 02C0F5

 F7F6F5

 00C0F5

 FFFBF5

 FFFFF5

Harmonies

Analogous

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



7DDEDC



7DDBF5



98D5FF

Triad

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



7DDBF5



FDBBDD



D4D197

Complementary

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



7DDBF5



F5977D

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.



EFC798



7DDBF5



FFBAC0

Square

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



7DDBF5



E4C2F6



FFBFA7



B4D8A6

Rectangle

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



7DDBF5



B2CFFF



FFBFA7



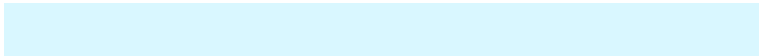
DDCE96

Sweetspot

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



7DDBF5



D9F7FF



7DF597



697B80



000000



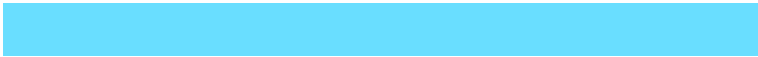
808080

Same Dimension

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



7DDBF5



69DEFF



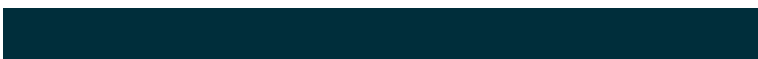
7D9FF5



6E787A



0092BA



002E3B

Inverse Universe

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



F57DDB



FF69DE



F5D37D



7A6E78



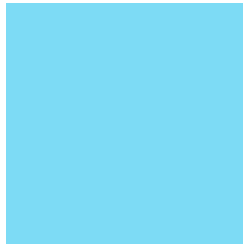
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 7DDBF5 looks on a white background.

Color Contrast Check

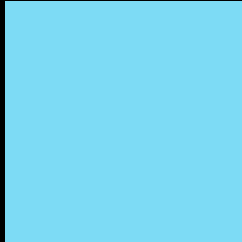
Large Text (above 18pt) WCAG AA × Fail

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 7DDBF5 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 7DDBF5 Background



This preview shows how black text looks on a background with the Hex color 7DDBF5.

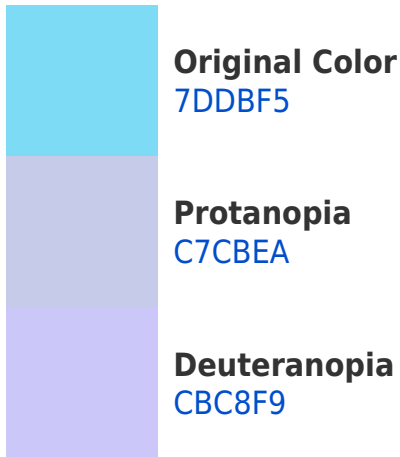


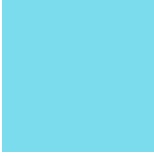
This preview shows how white text looks on a background with the Hex color 7DDBF5.

Color Blindness Simulation

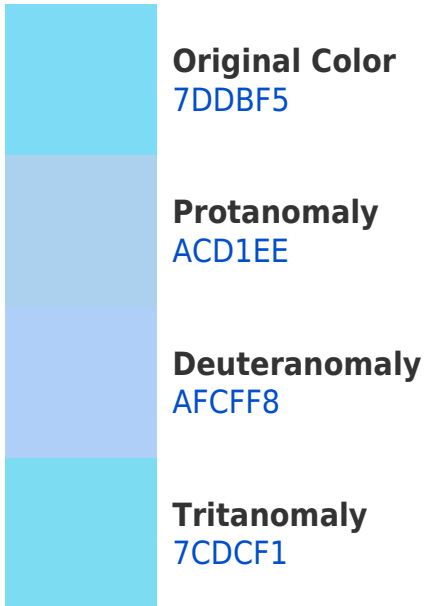
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

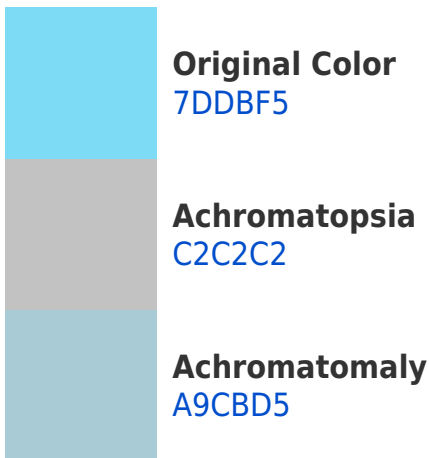




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DDBF5 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 #7DDBF5 looks like.

```
.text, #text, p{  
    color:#7DDBF5  
}
```

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 #7DDBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DDBF5
}
```

Border

The CSS property to change the border of an element to Hex 7DDBF5 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
#7DDBF5 }
```

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

```
.border{ border-color:#7DDBF5 }
```

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

Here you see how a box with a 4 pixel #7DDBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DDBF5; -webkit-box-shadow:4px 4px  
4px 4px #7DDBF5; box-shadow:4px 4px 4px  
4px #7DDBF5 }
```

Background

The CSS property to change the background color of an element to Hex 7DDBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DDBF5 }
```

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

```
.background{ background-color:#7DDBF5 }
```

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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