

# Converting Colors

Hex(62F6DD)

Have a look what the booklet for  
Hex(62F6DD) contains.

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# Color

Hex(62F6DD)

# Conversions

## Conversions Part 1

Format	Color
Hex	62F6DD
RGB	98, 246, 221
RGB Percent	38%, 96%, 87%
CMY	0.6157, 0.0353, 0.1333
CMYK	0.60, 0.00, 0.10, 0.04
HSL	170°, 89%, 67%
HSV	170°, 60%, 96%
XYZ	51.0439, 73.7287, 79.9474
YIQ	198.8980, -80.1830, -39.1510

# Conversions

## Conversions Part 2

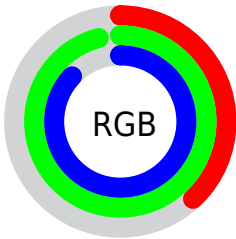
Format	Color
<a href="#">RYB</a>	<a href="#">98, 179, 246</a>
Decimal	<a href="#">6485725</a>
CIELab	<a href="#">88.79, -45.28, 0.25</a>
CIElCh	<a href="#">89, 45.282, 179.686</a>
Yxy	<a href="#">73.7287, 0.2493, 0.3601</a>
Android (android.graphics.Color)	<a href="#">4284675805</a> ( <a href="#">0xFF62F6DD</a> )
YUV	<a href="#">198.8980, 10.8963, -88.4875</a>
Hunter-Lab	<a href="#">85.8654, -44.1526, 4.9022</a>

# Details

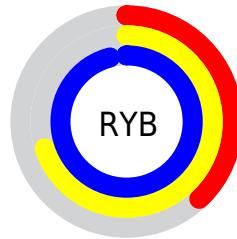
The Hex color **62F6DD** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F6627B**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **A1FFFF**, and **00BDA6** is the 20% darker color. If you saturate the color by 10%, you get **49F6D9**, and if you desaturate by 10%, it is **7BF6E1**.

# Distribution



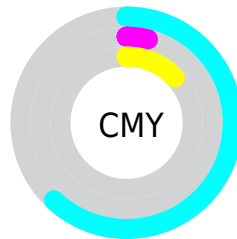
- Red (38%)
- Green (96%)
- Blue (87%)



- Red (38%)
- Yellow (70%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (62%)
- Magenta (4%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62F6DD 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 62F6DD by changing the saturation by 10% instead.



 62F6DD

 62F6DD

FFFFFF

 3ED9C1

 A1FFFF

 00BDA6

 C0FFFF

 00A18C

 DFFFFF

 008672

FEFFFF

 006C5A

 005342

 003B2C

 002518

 000000

 62F6DD

 62F6DD

 49F6D9

 7BF6E1

 31F6D5

 93F6E5

 18F6D1

 ACF6E9

 00F6CC

 C4F6EE

 DDF6F2

 F6F6F6

 FFF6FA

 FFF6FE

 FFF6FF

# Harmonies

## Analogous

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



9CF2B2



62F6DD



2DF5FF

# Triad

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



62F6DD



E3D4FF



FFCD96

# Complementary

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



62F6DD



F6627B

# 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.



FFC1B6



62F6DD



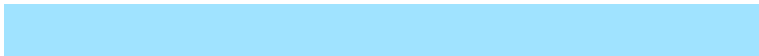
FFC5FF

# Square

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



62F6DD



A0E3FF



FFBEE1



FCDC88

# Rectangle

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



62F6DD



3DF2FF



FFBEE1



FFC89F



# Sweetspot

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



62F6DD



D1FFF7



7DF662



63807B



000000



808080



# Same Dimension

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



62F6DD



47FFE0



62C7F6



6E7A78



00BA9B



003B31



# Inverse Universe

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



F6627B



FF4766



F69162



7A6E70



BA001F

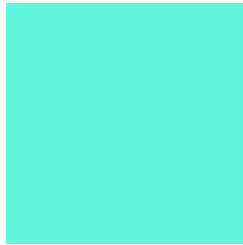


3B000A



# Previews

## White Background



This preview shows how the Hex color 62F6DD looks on a white background.

## Color Contrast Check

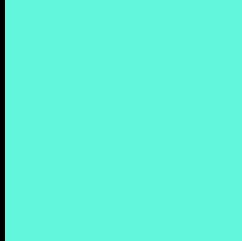
Large Text (above 18pt) WCAG AA × Fail

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 62F6DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

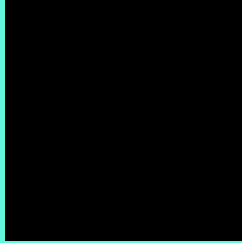
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62F6DD Background



This preview shows how black text looks on a background with the Hex color 62F6DD.



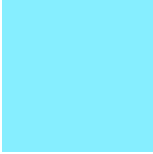
This preview shows how white text looks on a background with the Hex color 62F6DD.

# 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**  
86EEFF

# Trichromacy



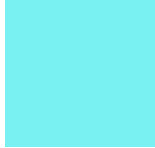
**Original Color**  
62F6DD



**Protanomaly**  
B5E5D4



**Deuteranomaly**  
BCE2E1

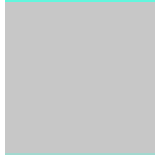


**Tritanomaly**  
79F1F3

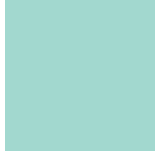
# Monochromacy



**Original Color**  
62F6DD



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
A2D8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62F6DD 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 #62F6DD looks like.

```
.text, #text, p{  
    color:#62F6DD  
}
```

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 #62F6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62F6DD
}
```

## Border

The CSS property to change the border of an element to Hex 62F6DD 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
#62F6DD }
```

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

```
.border{ border-color:#62F6DD }
```

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

Here you see how a box with a 4 pixel #62F6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62F6DD; -webkit-box-shadow:4px 4px  
4px 4px #62F6DD; box-shadow:4px 4px 4px  
4px #62F6DD }
```

# Background

The CSS property to change the background color of an element to Hex 62F6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62F6DD }
```

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

```
.background{ background-color:#62F6DD }
```

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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