

# Converting Colors

Hex(52F5DB)

Have a look what the booklet for  
Hex(52F5DB) contains.

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**Color**

**Hex(52F5DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52F5DB
RGB	82, 245, 219
RGB Percent	32%, 96%, 86%
CMY	0.6784, 0.0392, 0.1412
CMYK	0.67, 0.00, 0.11, 0.04
HSL	170°, 89%, 64%
HSV	170°, 67%, 96%
XYZ	48.9183, 72.2131, 78.3781
YIQ	193.2990, -88.8020, -42.6420

# Conversions

## Conversions Part 2

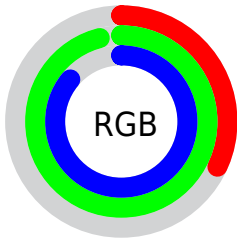
Format	Color
<a href="#">RYB</a>	<a href="#">82, 171, 245</a>
Decimal	<a href="#">5436891</a>
CIELab	<a href="#">88.07, -47.89, 0.19</a>
CIELCh	<a href="#">88, 47.887, 179.772</a>
Yxy	<a href="#">72.2131, 0.2452, 0.3620</a>
Android (android.graphics.Color)	<a href="#">4283626971</a> ( <a href="#">0xFF52F5DB</a> )
YUV	<a href="#">193.2990, 12.6706, -97.6092</a>
Hunter-Lab	<a href="#">84.9783, -45.9575, 4.7998</a>

# Details

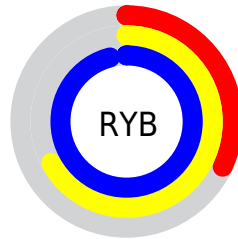
The Hex color **52F5DB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F5526C**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **95FFFF**, and **00BCA4** is the 20% darker color. If you saturate the color by 10%, you get **3AF5D7**, and if you desaturate by 10%, it is **6BF5DF**.

# Distribution



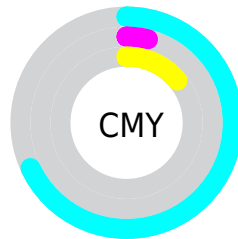
- Red (32%)
- Green (96%)
- Blue (86%)



- Red (32%)
- Yellow (67%)
- Blue (96%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (68%)
- Magenta (4%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52F5DB 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 52F5DB by changing the saturation by 10% instead.



 52F5DB

 52F5DB

FFFFFF

 25D8BF

 95FFFF

 00BCA4

 B4FFFF


 00A08A

 D4FFFF

 008571

 F3FFFF

 006B58

 005241

 00392B

 002317

 000000

 52F5DB

 52F5DB

 3AF5D7

 6BF5DF

 21F5D3

 83F5E3

 09F5CF

 9CF5E7

 00F5CE

 B4F5EB

 CDF5EF

 E5F5F2

 FEF5F6

 FFF5FA

 FFF5FE

# Harmonies

## Analogous

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



95F1AD



52F5DB



00F4FF

# Triad

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



52F5DB



E1D1FF



FFCA8F

# Complementary

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



52F5DB



F5526C

# 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.



FFBDB2



52F5DB



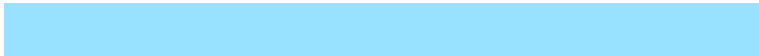
FFC1FF

# Square

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



52F5DB



98E2FF



FFB9DF



FBDA81

# Rectangle

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



52F5DB



04F0FF



FFB9DF



FFC599

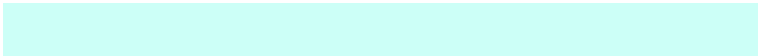


# Sweetspot

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



52F5DB



CCFFF7



6DF552



61807B



000000



808080



# Same Dimension

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



52F5DB



33FFDE



52BFF5



6E7A78



00BA9C



003B31



# Inverse Universe

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



F5526C



FF3354



F58852



7A6E70



BA001E

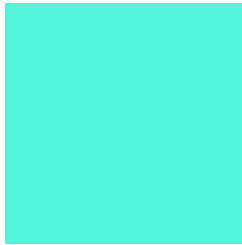


3B0009



# Previews

## White Background



This preview shows how the Hex color 52F5DB looks on a white background.

## Color Contrast Check

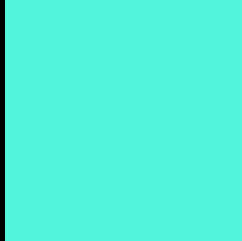
Large Text (above 18pt) WCAG AA × Fail

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 52F5DB 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 52F5DB Background



This preview shows how black text looks on a background with the Hex color 52F5DB.

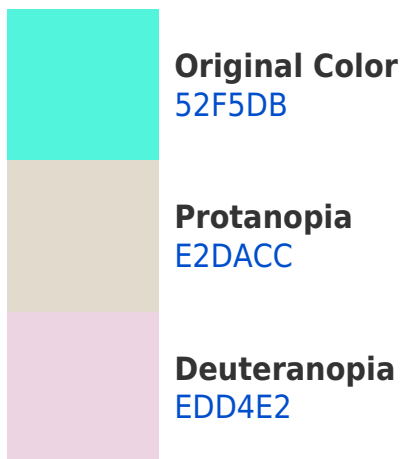


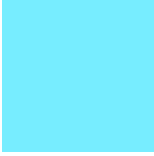
This preview shows how white text looks on a background with the Hex color 52F5DB.

# 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



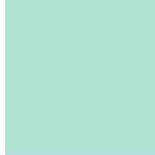


**Tritanopia**  
77EDFF

# Trichromacy



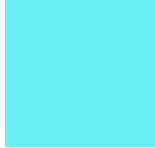
**Original Color**  
52F5DB



**Protanomaly**  
AEE4D1



**Deuteranomaly**  
B5E0DF

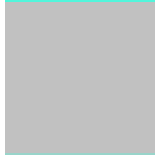


**Tritanomaly**  
6AF0F2

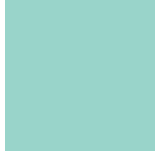
# Monochromacy



**Original Color**  
52F5DB



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
99D4CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52F5DB 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 #52F5DB looks like.

```
.text, #text, p{  
    color:#52F5DB  
}
```

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 #52F5DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F5DB
}
```

## Border

The CSS property to change the border of an element to Hex 52F5DB 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
#52F5DB }
```

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

```
.border{ border-color:#52F5DB }
```

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

Here you see how a box with a 4 pixel #52F5DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F5DB; -webkit-box-shadow:4px 4px  
4px 4px #52F5DB; box-shadow:4px 4px 4px  
4px #52F5DB }
```

# Background

The CSS property to change the background color of an element to Hex 52F5DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F5DB }
```

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

```
.background{ background-color:#52F5DB }
```

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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