

Converting Colors

Hex(4DFFA5)

Have a look what the booklet for
Hex(4DFFA5) contains.

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Color

Hex(4DFFA5)

Conversions

Conversions Part 1

Format	Color
Hex	4DFFA5
RGB	77, 255, 165
RGB Percent	30%, 100%, 65%
CMY	0.6980, 0.0000, 0.3529
CMYK	0.70, 0.00, 0.35, 0.00
HSL	150°, 100%, 65%
HSV	150°, 70%, 100%
XYZ	45.6121, 75.8144, 47.8269
YIQ	191.5180, -77.1980, -65.7260

Conversions

Conversions Part 2

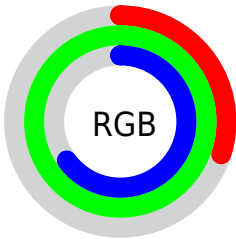
Format	Color
RYB	77, 196, 255
Decimal	5111717
CIELab	89.77, -64.46, 30.34
CIELCh	90, 71.243, 154.798
Yxy	75.8144, 0.2695, 0.4479
Android (android.graphics.Color)	4283301797 (0xFF4DFFA5)
YUV	191.5180, -13.0734, -100.4323
Hunter-Lab	87.0715, -58.8684, 28.3830

Details

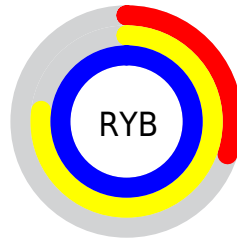
The Hex color **4DFFA5** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4DA7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **92FFDD**, and **00C570** is the 20% darker color. If you saturate the color by 10%, you get **34FF98**, and if you desaturate by 10%, it is **67FFB2**.

Distribution



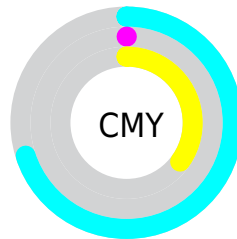
- Red (30%)
- Green (100%)
- Blue (65%)



- Red (30%)
- Yellow (77%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFFA5 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 4DFFA5 by changing the saturation by 10% instead.

 4DFFA5

 4DFFA5

FFFFFF

 1AE28A

 92FFDD

 00C570

 B1FFF9

 00A957

 D1FFFF

 008D3F

 F0FFFF

 007327

 00580F

 003F00

 002700

 000000

 4DFFA5

 4DFFA5

 34FF98

 67FFB2

 1AFF8B

 80FFBF

 01FF7E

 9AFFCC

 00FF7E

 B3FFD9

 CDFFE5

 E6FFF2

FFFFFF

Harmonies

Analogous

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



B6F46C



4DFFA5



00FFEB

Triad

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



4DFFA5



6FE6FF



FFB098

Complementary

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



4DFFA5



FF4DA7

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.



FFA5D9



4DFFA5



F4CBFF

Square

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



4DFFA5



00F8FF



FFB1FF



FFC965

Rectangle

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



4DFFA5



00FFFF



FFB1FF



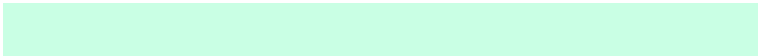
FFAAAC

Sweetspot

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



4DFFA5



C9FFE4



A9FF4D



60806F



000000



808080

Same Dimension

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



4DFFA5



29FF93



4DFFFC



738079



00BF5F



004020

Inverse Universe

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



FF4DA7



FF2995



FF4D50



807379



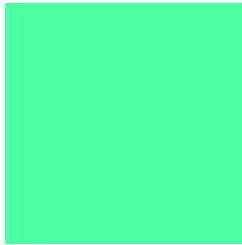
BF0061



400020

Previews

White Background



This preview shows how the Hex color 4DFFA5 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 4DFFA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

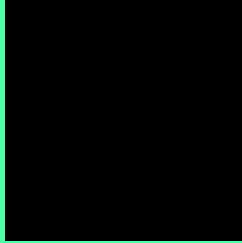
Any Text WCAG AA ✓ Pass

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 4DFFA5 Background



This preview shows how black text looks on a background with the Hex color 4DFFA5.

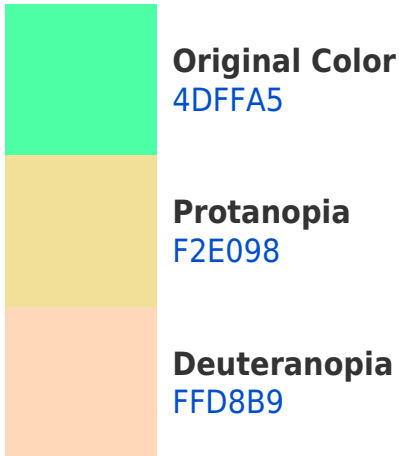


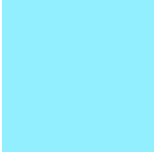
This preview shows how white text looks on a background with the Hex color 4DFFA5.

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](#).

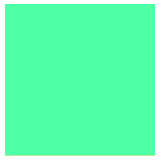
Dichromacy





Tritanopia
92EFFF

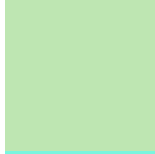
Trichromacy



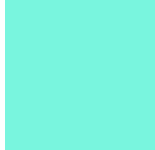
Original Color
4DFFA5



Protanomaly
B6EB9D



Deuteranomaly
BEE6B2

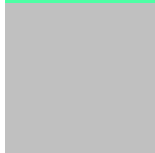


Tritanomaly
79F5DE

Monochromacy



Original Color
4DFFA5



Achromatopsia
C0C0C0



Achromatomaly
96D7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFFA5 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 #4DFFA5 looks like.

```
.text, #text, p{  
    color:#4DFFA5  
}
```

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 #4DFFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFFA5
}
```

Border

The CSS property to change the border of an element to Hex 4DFFA5 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
#4DFFA5 }
```

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

```
.border{ border-color:#4DFFA5 }
```

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

Here you see how a box with a 4 pixel #4DFFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFFA5; -webkit-box-shadow:4px 4px  
4px 4px #4DFFA5; box-shadow:4px 4px 4px  
4px #4DFFA5 }
```

Background

The CSS property to change the background color of an element to Hex 4DFFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFFA5 }
```

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

```
.background{ background-color:#4DFFA5 }
```

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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