

Converting Colors

Hex(4FE8D6)

Have a look what the booklet for
Hex(4FE8D6) contains.

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Color

Hex(4FE8D6)

Conversions

Conversions Part 1

Format	Color
Hex	4FE8D6
RGB	79, 232, 214
RGB Percent	31%, 91%, 84%
CMY	0.6902, 0.0902, 0.1608
CMYK	0.66, 0.00, 0.08, 0.09
HSL	173°, 77%, 61%
HSV	173°, 66%, 91%
XYZ	44.2187, 64.2305, 73.6855
YIQ	184.2010, -85.4100, -38.0340

Conversions

Conversions Part 2

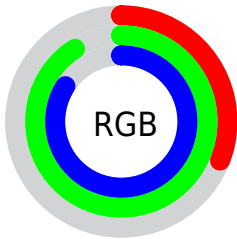
Format	Color
RYB	79, 160, 232
Decimal	5236950
CIELab	84.09, -43.97, -3.03
CIElCh	84, 44.079, 183.942
Yxy	64.2305, 0.2428, 0.3527
Android (android.graphics.Color)	4283427030 (0xFF4FE8D6)
YUV	184.2010, 14.6909, -92.2613
Hunter-Lab	80.1440, -41.7662, 1.5887

Details

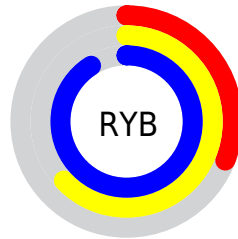
The Hex color **4FE8D6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E84F61**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **91FFFF**, and **00B09F** is the 20% darker color. If you saturate the color by 10%, you get **38E8D3**, and if you desaturate by 10%, it is **66E8D9**.

Distribution



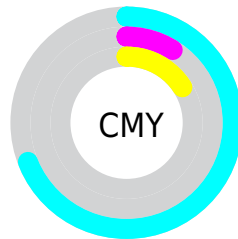
- Red (31%)
- Green (91%)
- Blue (84%)



- Red (31%)
- Yellow (63%)
- Blue (91%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (69%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FE8D6 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 4FE8D6 by changing the saturation by 10% instead.

 4FE8D6

 4FE8D6


FFFFFF

 23CBBA

 91FFFF

 00B09F

 B0FFFF

 009485

 CFFFFFF

 007A6C

 EFFFFFF

 006054

 00473D

 003027

 001713

 000000

 4FE8D6

 4FE8D6

 38E8D3

 66E8D9

 21E8D1

 7DE8DB

 09E8CE

 95E8DE

 00E8CD

 ACE8E1

 C3E8E4

 DAE8E6

 F1E8E9

 FFE8EC

 FFE8EF

Harmonies

Analogous

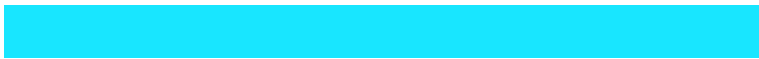
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89E5AC



4FE8D6



18E6FF

Triad

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



4FE8D6



DEC5FF



FFC388

Complementary

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



4FE8D6



E84F61

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.



FFB6A5



4FE8D6



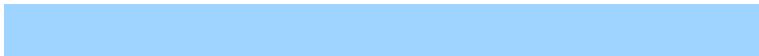
FFB7F7

Square

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



4FE8D6



9ED4FF



FFB1CE



E8D17E

Rectangle

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



4FE8D6



3AE3FF



FFB1CE



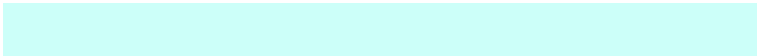
FFBE90

Sweetspot

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



4FE8D6



CCFFF9



63E84F



61807C



000000



808080

Same Dimension

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



4FE8D6



36FFE7



4FB0E8



677371



00B39D



00332D

Inverse Universe

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



E84F61



FF364D



E8874F



736769



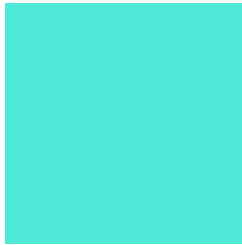
B30015



330006

Previews

White Background



This preview shows how the Hex color 4FE8D6 looks on a white background.

Color Contrast Check

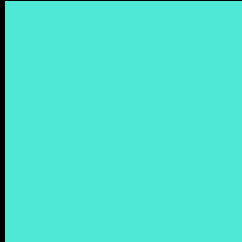
Large Text (above 18pt) WCAG AA × Fail

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 4FE8D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

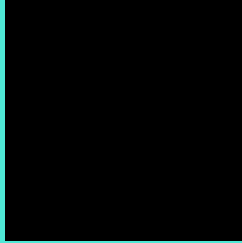
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

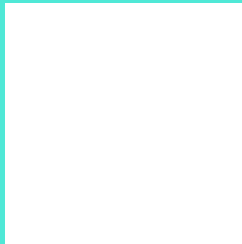
Any Text WCAG AAA ✓ Pass

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

Hex 4FE8D6 Background



This preview shows how black text looks on a background with the Hex color 4FE8D6.

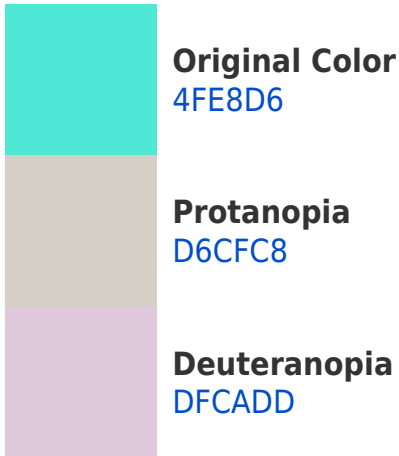


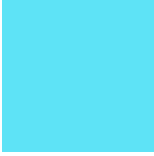
This preview shows how white text looks on a background with the Hex color 4FE8D6.

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
5EE3F6

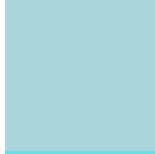
Trichromacy



Original Color
4FE8D6



Protanomaly
A5D8CD



Deuteranomaly
ABD5DA

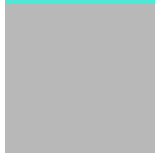


Tritanomaly
59E5EA

Monochromacy



Original Color
4FE8D6



Achromatopsia
B8B8B8



Achromatomaly
92C9C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FE8D6 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 #4FE8D6 looks like.

```
.text, #text, p{  
    color:#4FE8D6  
}
```

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 #4FE8D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE8D6  
}
```

Border

The CSS property to change the border of an element to Hex 4FE8D6 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  
#4FE8D6 }
```

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

```
.border{ border-color:#4FE8D6 }
```

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

Here you see how a box with a 4 pixel #4FE8D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE8D6; -webkit-box-shadow:4px 4px  
4px 4px #4FE8D6; box-shadow:4px 4px 4px  
4px #4FE8D6 }
```

Background

The CSS property to change the background color of an element to Hex 4FE8D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE8D6 }
```

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

```
.background{ background-color:#4FE8D6 }
```

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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