

Converting Colors

Hex(64F8D8)

Have a look what the booklet for
Hex(64F8D8) contains.

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Color

Hex(64F8D8)

Conversions

Conversions Part 1

Format	Color
Hex	64F8D8
RGB	100, 248, 216
RGB Percent	39%, 97%, 85%
CMY	0.6078, 0.0275, 0.1529
CMYK	0.60, 0.00, 0.13, 0.03
HSL	167°, 91%, 68%
HSV	167°, 60%, 97%
XYZ	51.2176, 74.8020, 76.7045
YIQ	200.1000, -77.9360, -41.3280

Conversions

Conversions Part 2

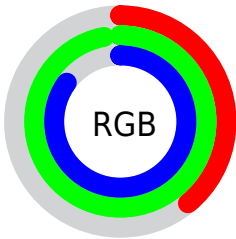
Format	Color
R _Y B	100, 183, 248
Decimal	6617304
CIE Lab	89.30, -47.00, 3.59
CIE LCh	89, 47.140, 175.627
Yxy	74.8020, 0.2526, 0.3690
Android (android.graphics.Color)	4284807384 (0xFF64F8D8)
YUV	200.1000, 7.8387, -87.7877
Hunter-Lab	86.4881, -45.6480, 7.9586

Details

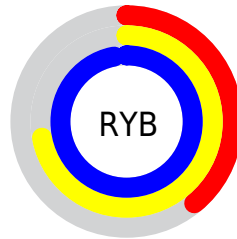
The Hex color **64F8D8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F86484**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A3FFFF**, and **03BFA1** is the 20% darker color. If you saturate the color by 10%, you get **4BF8D3**, and if you desaturate by 10%, it is **7DF8DD**.

Distribution



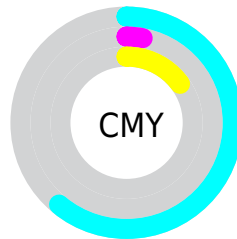
- Red (39%)
- Green (97%)
- Blue (85%)



- Red (39%)
- Yellow (72%)
- Blue (97%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (61%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64F8D8 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 64F8D8 by changing the saturation by 10% instead.

 64F8D8

FFFFFF

 A3FFFF

 C2FFFF


 E0FFFF

 64F8D8


 41DBBC

 03BFA1

 00A387

 00886E

 006E56

 00553E

 003C29

 002614

 000000

 64F8D8

 64F8D8

 4BF8D3

 7DF8DD

 32F8CD

 96F8E3

 1AF8C8

 AEF8E8

 01F8C3

 C7F8ED

 00F8C2

 E0F8F3

 F9F8F8

 FFF8FE

 FFF8FF

Harmonies

Analogous

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



A1F3AC



64F8D8



13F8FF

Triad

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



64F8D8



DCD7FF



FFCC98

Complementary

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



64F8D8



F86484

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.



FFC0BC



64F8D8



FFC7FF

Square

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



64F8D8



93E7FF



FFBEE9



FFDB86

Rectangle

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



64F8D8



1BF5FF



FFBEE9



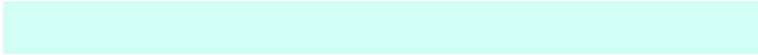
FFC7A2

Sweetspot

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



64F8D8



D1FFF5



84F864



638079



000000



808080

Same Dimension

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



64F8D8



47FFD7



64CEF8



707D7A



00BD94



003D30

Inverse Universe

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



F86484



FF476F



F88E64



7D7073



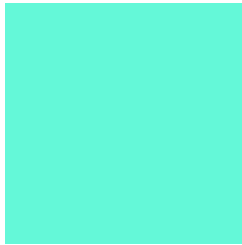
BD0029



3D000D

Previews

White Background



This preview shows how the Hex color 64F8D8 looks on a white background.

Color Contrast Check

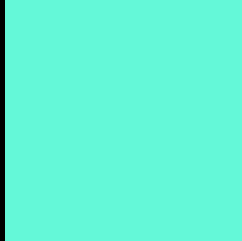
Large Text (above 18pt) WCAG AA × Fail

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 64F8D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

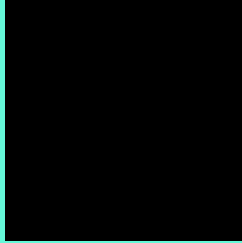
Any Text WCAG AA ✓ Pass

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 64F8D8 Background



This preview shows how black text looks on a background with the Hex color 64F8D8.



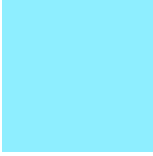
This preview shows how white text looks on a background with the Hex color 64F8D8.

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
8EEFF

Trichromacy



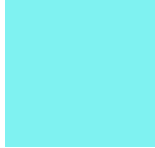
Original Color
64F8D8



Protanomaly
B7E7CF



Deuteranomaly
C0E4DC

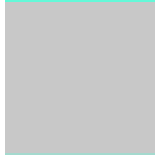


Tritanomaly
7FF2F1

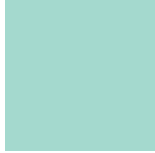
Monochromacy



Original Color
64F8D8



Achromatopsia
C8C8C8



Achromatomaly
A4D9CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 64F8D8 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 #64F8D8 looks like.

```
.text, #text, p{  
    color:#64F8D8  
}
```

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 #64F8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F8D8
}
```

Border

The CSS property to change the border of an element to Hex 64F8D8 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
#64F8D8 }
```

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

```
.border{ border-color:#64F8D8 }
```

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

Here you see how a box with a 4 pixel #64F8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F8D8; -webkit-box-shadow:4px 4px  
4px 4px #64F8D8; box-shadow:4px 4px 4px  
4px #64F8D8 }
```

Background

The CSS property to change the background color of an element to Hex 64F8D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F8D8 }
```

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

```
.background{ background-color:#64F8D8 }
```

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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