

Converting Colors

Hex(6DEF C7)

Have a look what the booklet for
Hex(6DEFC7) contains.

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Color

Hex(6DEFC7)

Conversions

Conversions Part 1

Format	Color
Hex	6DEFC7
RGB	109, 239, 199
RGB Percent	43%, 94%, 78%
CMY	0.5725, 0.0627, 0.2196
CMYK	0.54, 0.00, 0.17, 0.06
HSL	162°, 80%, 68%
HSV	162°, 54%, 94%
XYZ	47.4820, 69.1077, 64.8694
YIQ	195.5700, -64.6400, -40.0000

Conversions

Conversions Part 2

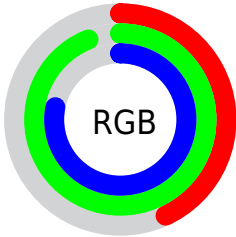
Format	Color
RYB	109, 186, 239
Decimal	7204807
CIELab	86.56, -45.32, 8.53
CIElCh	87, 46.119, 169.337
Yxy	69.1077, 0.2617, 0.3808
Android (android.graphics.Color)	4285394887 (0xFF6DEF C7)
YUV	195.5700, 1.6910, -75.9219
Hunter-Lab	83.1311, -43.5255, 11.9262

Details

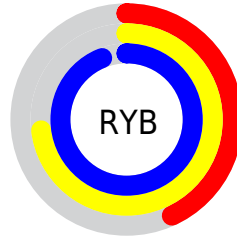
The Hex color **6DEFC7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EF6D95**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A9FFFF**, and **28B691** is the 20% darker color. If you saturate the color by 10%, you get **55EFC0**, and if you desaturate by 10%, it is **85EFCE**.

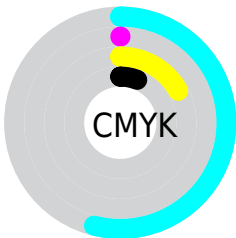
Distribution



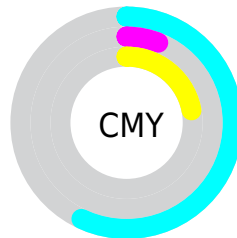
- Red (43%)
- Green (94%)
- Blue (78%)



- Red (43%)
- Yellow (73%)
- Blue (94%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (57%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DEFC7 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 6DEFC7 by changing the saturation by 10% instead.

 6DEFC7

FFFFFF

 A9FFFF

 C7FFFF


 E5FFFF

 6DEFC7

 4DD2AC

 28B691

 009B77

 00805F

 006647

 004D31

 00351C

 001F02

 000000

 6DEF C7

 6DEF C7

 55EFC0

 85EFCE

 3DEFB8

 9DEFD6

 25EFB1

 B5EFDD

 0DEF AA

 CDEF E4

 00EFA5

 E4EF EC

 FCEFF3

 FFEFFA

 FFEFFF

Harmonies

Analogous

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



A7E99E



6DEFC7



23F0F4

Triad

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



6DEFC7



C7D3FF



FFC298

Complementary

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



6DEFC7



EF6D95

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.



FFB8BE



6DEFC7



FFC3FF

Square

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



6DEFC7



7CE2FF



FFB8EA



FFD182

Rectangle

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



6DEFC7



00EEFF



FFB8EA



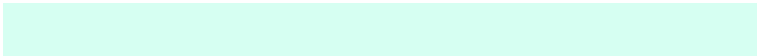
FFBDA3

Sweetspot

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



6DEFC7



D6FFF2



96EF6D



678078



000000



808080

Same Dimension

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



6DEFC7



59FFCC



6DD7EF



6C7874



00B87F



003827

Inverse Universe

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



EF6D95



FF598C



EF856D



786C70



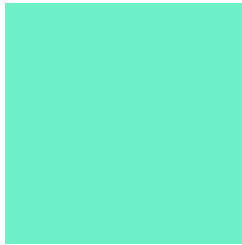
B80038



380011

Previews

White Background



This preview shows how the Hex color 6DEFC7 looks on a white background.

Color Contrast Check

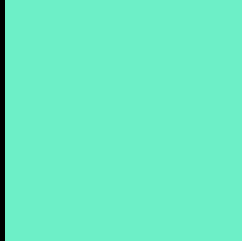
Large Text (above 18pt) WCAG AA × Fail

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 6DEFC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

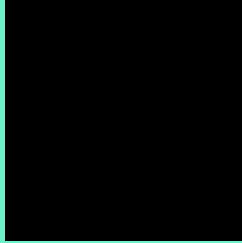
Any Text WCAG AA ✓ Pass

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 6DEFC7 Background



This preview shows how black text looks on a background with the Hex color 6DEFC7.

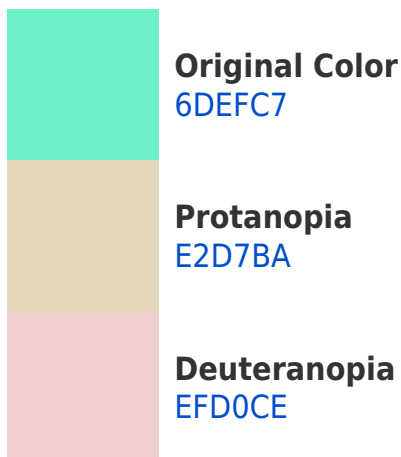


This preview shows how white text looks on a background with the Hex color 6DEFC7.

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
7EE8FB

Trichromacy



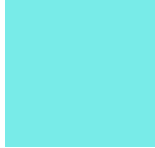
Original Color
6DEFC7



Protanomaly
B7E0BF



Deuteranomaly
C0DBC9

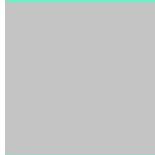


Tritanomaly
78EBE8

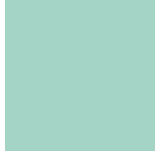
Monochromacy



Original Color
6DEFC7



Achromatopsia
C4C4C4



Achromatomaly
A4D4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DEFC7 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 #6DEFC7 looks like.

```
.text, #text, p{  
    color:#6DEFC7  
}
```

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 #6DEFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DEFC7  
}
```

Border

The CSS property to change the border of an element to Hex 6DEFC7 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  
#6DEFC7 }
```

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

```
.border{ border-color:#6DEFC7 }
```

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

Here you see how a box with a 4 pixel #6DEFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DEFC7; -webkit-box-shadow:4px 4px  
4px 4px #6DEFC7; box-shadow:4px 4px 4px  
4px #6DEFC7 }
```

Background

The CSS property to change the background color of an element to Hex 6DEFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DEFC7 }
```

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

```
.background{ background-color:#6DEFC7 }
```

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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