

# Converting Colors

Hex(6BDFC7)

Have a look what the booklet for  
Hex(6BDFC7) contains.

<b>Hex(6BDFC7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6BDFC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BDFC7
RGB	107, 223, 199
RGB Percent	42%, 87%, 78%
CMY	0.5804, 0.1255, 0.2196
CMYK	0.52, 0.00, 0.11, 0.13
HSL	168°, 64%, 65%
HSV	168°, 52%, 87%
XYZ	42.7599, 60.0247, 63.3651
YIQ	185.5800, -61.4320, -32.0560

# Conversions

## Conversions Part 2

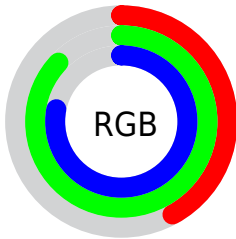
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 172, 223
Decimal	7069639
CIELab	81.85, -38.65, 1.73
CIELCh	82, 38.692, 177.435
Yxy	60.0247, 0.2574, 0.3613
Android (android.graphics.Color)	4285259719 (0xFF6BDFC7)
YUV	185.5800, 6.6161, -68.9147
Hunter-Lab	77.4756, -37.0656, 5.7413

# Details

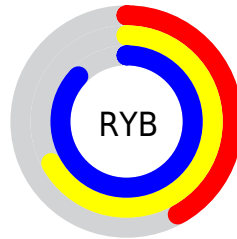
The Hex color **6BDFC7** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DF6B83**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFFF**, and **29A791** is the 20% darker color. If you saturate the color by 10%, you get **55DFC2**, and if you desaturate by 10%, it is **81DFCC**.

# Distribution



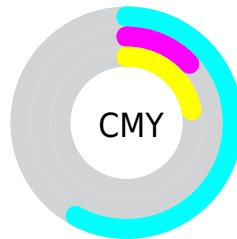
- Red (42%)
- Green (87%)
- Blue (78%)



- Red (42%)
- Yellow (67%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BDFC7 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 6BDFC7 by changing the saturation by 10% instead.



 6BDFC7

 6BDFC7

FFFFFF

 4CC3AC

 A6FFFF

 29A791

 C3FFFF

 008C78

 E1FFFF

 00725F

 005947

 004131

 002A1C

 000D02

 000000

 6BDFC7

 6BDFC7

 55DFC2

 81DFCC

 3EDFBE

 98DFD0

 28DFB9

 AEDFD5

 12DFB5

 C4DFD9

 00DFB1

 DBDFDE

 F1DFE3

 FFDFE7

 FFDFEC

 FFDFE1

# Harmonies

## Analogous

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



97DBA3



6BDFC7



4BDEEC

# Triad

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



6BDFC7



CCC3FF



FFBC90

# Complementary

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



6BDFC7



DF6B83

# 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.



FFB2AC



6BDFC7



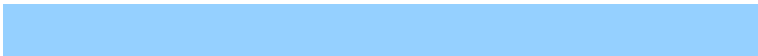
F7B7F3

# Square

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



6BDFC7



95D0FF



FFB0D0



E7C883

# Rectangle

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



6BDFC7



51DCFF



FFB0D0



FFB898

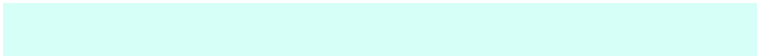


# Sweetspot

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



6BDFC7



D6FFF7



84DF6B



67807A



000000



808080



# Same Dimension

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



6BDFC7



61FFDE



6BBEDF



65706E



00B08C



003026



# Inverse Universe

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



DF6B83



FF6182



DF8C6B



706567



B00024

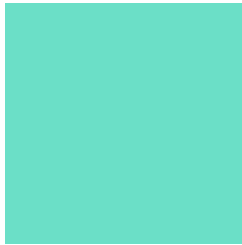


30000A



# Previews

## White Background



This preview shows how the Hex color 6BDFC7 looks on a white background.

## Color Contrast Check

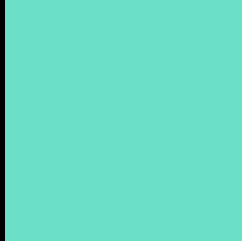
Large Text (above 18pt) WCAG AA × Fail

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 6BDFC7 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 6BDFC7 Background



This preview shows how black text looks on a background with the Hex color 6BDFC7.



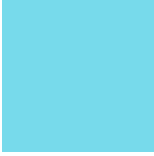
This preview shows how white text looks on a background with the Hex color 6BDFC7.

# 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**  
77DAEB

# Trichromacy



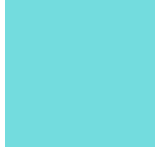
**Original Color**  
6BDFC7



**Protanomaly**  
ACD1BF



**Deuteranomaly**  
B3CECB

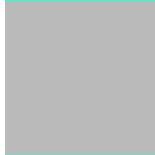


**Tritanomaly**  
73DCDE

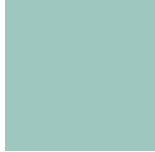
# Monochromacy



**Original Color**  
6BDFC7



**Achromatopsia**  
BABABA



**Achromatomaly**  
9DC7BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BDFC7 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 #6BDFC7 looks like.

```
.text, #text, p{  
    color:#6BDFC7  
}
```

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 #6BDFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BDFC7
}
```

## Border

The CSS property to change the border of an element to Hex 6BDFC7 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
#6BDFC7 }
```

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

```
.border{ border-color:#6BDFC7 }
```

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

Here you see how a box with a 4 pixel #6BDFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDFC7; -webkit-box-shadow:4px 4px  
4px 4px #6BDFC7; box-shadow:4px 4px 4px  
4px #6BDFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 6BDFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BDFC7 }
```

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

```
.background{ background-color:#6BDFC7 }
```

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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