

Converting Colors

Hex(6AE6C7)

Have a look what the booklet for
Hex(6AE6C7) contains.

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Color

Hex(6AE6C7)

Conversions

Conversions Part 1

Format	Color
Hex	6AE6C7
RGB	106, 230, 199
RGB Percent	42%, 90%, 78%
CMY	0.5843, 0.0980, 0.2196
CMYK	0.54, 0.00, 0.13, 0.10
HSL	165°, 71%, 66%
HSV	165°, 54%, 90%
XYZ	44.5495, 63.7813, 63.9959
YIQ	189.3900, -63.9530, -35.9290

Conversions

Conversions Part 2

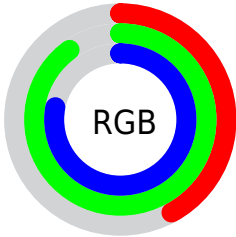
Format	Color
RYB	106, 177, 230
Decimal	7005895
CIELab	83.85, -42.00, 4.63
CIELCh	84, 42.257, 173.713
Yxy	63.7813, 0.2585, 0.3701
Android (android.graphics.Color)	4285195975 (0xFF6AE6C7)
YUV	189.3900, 4.7377, -73.1330
Hunter-Lab	79.8632, -40.1893, 8.3941

Details

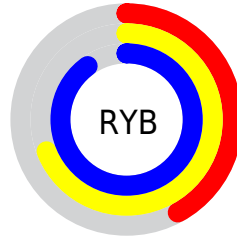
The Hex color **6AE6C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E66A89**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A6FFFF**, and **25AE91** is the 20% darker color. If you saturate the color by 10%, you get **53E6C1**, and if you desaturate by 10%, it is **81E6CD**.

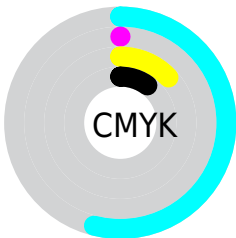
Distribution



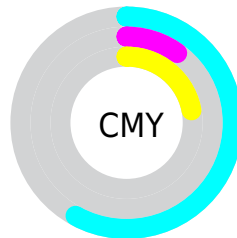
- Red (42%)
- Green (90%)
- Blue (78%)



- Red (42%)
- Yellow (69%)
- Blue (90%)



- Cyan (54%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (58%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE6C7 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 6AE6C7 by changing the saturation by 10% instead.

 6AE6C7

 6AE6C7

FFFFFF

 4BCAAC

 A6FFFF

 25AE91

 C3FFFF

 009378

 E1FFFF

 00785F

 005F47

 004631

 002F1C

 001602

 000000

 6AE6C7

 6AE6C7

 53E6C1

 81E6CD

 3CE6BB

 98E6D3

 25E6B6

 AFE6D8

 0EE6B0

 C6E6DE

 00E6AD

 DDE6E4

 F4E6EA

 FFE6EF

 FFE6F5

 FFE6FB

Harmonies

Analogous

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



9DE1A1



6AE6C7



39E6F0

Triad

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



6AE6C7



CACAFF



FFBE92

Complementary

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



6AE6C7



E66A89

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.



FFB4B3



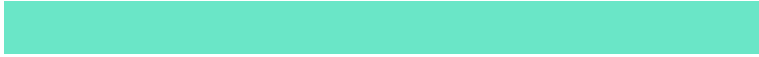
6AE6C7



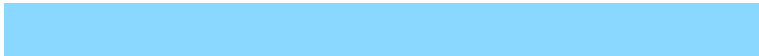
FBBCFF

Square

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



6AE6C7



8AD8FF



FFB3DB



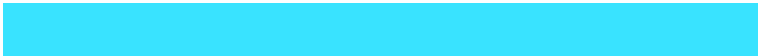
F3CC82

Rectangle

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



6AE6C7



39E3FF



FFB3DB



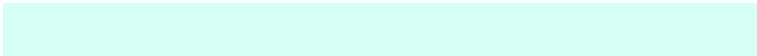
FFBA9C

Sweetspot

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



6AE6C7



D6FFF5



89E66A



678079



000000



808080

Same Dimension

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



6AE6C7



59FFD6



6AC7E6



677370



00B386



003326

Inverse Universe

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



E66A89



FF5983



E6896A



73676A



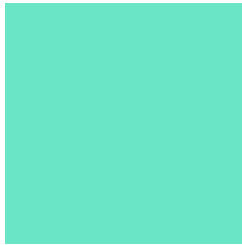
B3002D



33000D

Previews

White Background



This preview shows how the Hex color 6AE6C7 looks on a white background.

Color Contrast Check

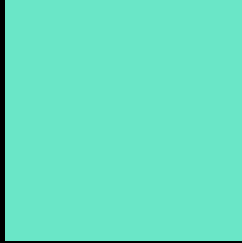
Large Text (above 18pt) WCAG AA × Fail

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 6AE6C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

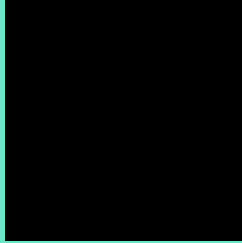
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

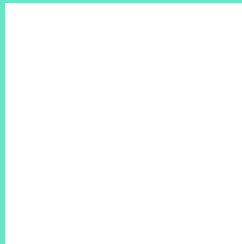
Any Text WCAG AAA ✓ Pass

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

Hex 6AE6C7 Background



This preview shows how black text looks on a background with the Hex color 6AE6C7.



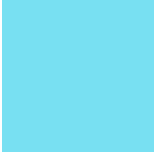
This preview shows how white text looks on a background with the Hex color 6AE6C7.

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
78E0F2

Trichromacy



Original Color
6AE6C7



Protanomaly
B0D7BF



Deuteranomaly
B8D4CB

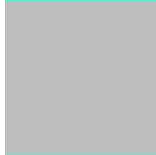


Tritanomaly
73E2E2

Monochromacy



Original Color
6AE6C7



Achromatopsia
BDBDBD



Achromatomaly
9FCCC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE6C7 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 #6AE6C7 looks like.

```
.text, #text, p{  
    color:#6AE6C7  
}
```

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 #6AE6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE6C7
}
```

Border

The CSS property to change the border of an element to Hex 6AE6C7 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
#6AE6C7 }
```

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

```
.border{ border-color:#6AE6C7 }
```

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

Here you see how a box with a 4 pixel #6AE6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE6C7; -webkit-box-shadow:4px 4px  
4px 4px #6AE6C7; box-shadow:4px 4px 4px  
4px #6AE6C7 }
```

Background

The CSS property to change the background color of an element to Hex 6AE6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE6C7 }
```

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

```
.background{ background-color:#6AE6C7 }
```

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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