

Converting Colors

Hex(6AE8B4)

Have a look what the booklet for
Hex(6AE8B4) contains.

Hex(6AE8B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AE8B4)

Conversions

Conversions Part 1

Format	Color
Hex	6AE8B4
RGB	106, 232, 180
RGB Percent	42%, 91%, 71%
CMY	0.5843, 0.0902, 0.2941
CMYK	0.54, 0.00, 0.22, 0.09
HSL	155°, 73%, 66%
HSV	155°, 54%, 91%
XYZ	43.0387, 64.0727, 53.2789
YIQ	188.3980, -58.4040, -42.8840

Conversions

Conversions Part 2

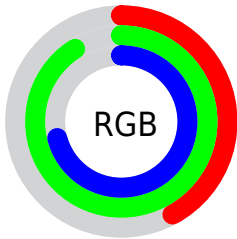
Format	Color
RYB	106, 185, 232
Decimal	7006388
CIELab	84.00, -47.10, 14.82
CIElCh	84, 49.374, 162.535
Yxy	64.0727, 0.2683, 0.3995
Android (android.graphics.Color)	4285196468 (0xFF6AE8B4)
YUV	188.3980, -4.1402, -72.2630
Hunter-Lab	80.0454, -44.1039, 16.5679

Details

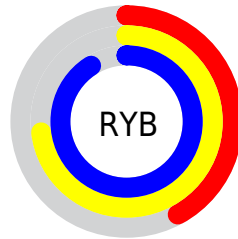
The Hex color **6AE8B4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **E86A9E**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A5FFEC**, and **26B07F** is the 20% darker color. If you saturate the color by 10%, you get **53E8AA**, and if you desaturate by 10%, it is **81E8BE**.

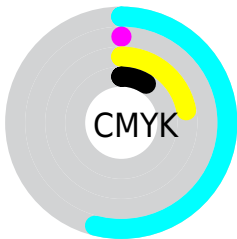
Distribution



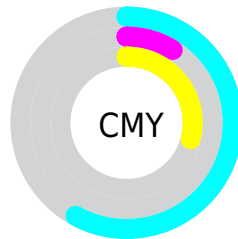
- Red (42%)
- Green (91%)
- Blue (71%)



- Red (42%)
- Yellow (73%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE8B4 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 6AE8B4 by changing the saturation by 10% instead.

 6AE8B4

 6AE8B4

FFFFFF

 4BCB99

 A5FFEC

 26B07F

 C3FFFF

 009466

 E1FFFF

 007A4E

 006037

 004721

 00300C

 001700

 000000

 6AE8B4

 6AE8B4

 53E8AA

 81E8BE

 3CE8A1

 98E8C7

 24E897

 B0E8D1

 0DE88E

 C7E8DA

 00E888

 DEE8E4

 F5E8ED

 FFE8F7

 FFE8FF

Harmonies

Analogous

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



A8E18B



6AE8B4



00EAE4

Triad

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



6AE8B4



ACD0FF



FFB595

Complementary

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



6AE8B4



E86A9E

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.



FFACC0



6AE8B4



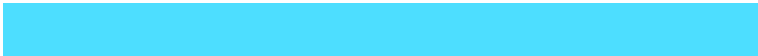
EFBEFF

Square

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



6AE8B4



4DDEFF



FFB0EF



FFC579

Rectangle

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



6AE8B4



00E9FF



FFB0EF



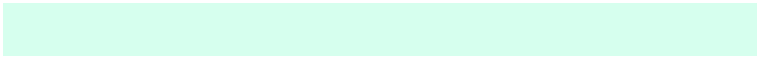
FFB1A2

Sweetspot

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



6AE8B4



D6FFEE



9EE86A



678076



000000



808080

Same Dimension

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



6AE8B4



59FFBB



6ADEE8



67736E



00B369



00331E

Inverse Universe

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



E86A9E



FF599E



E8756A



73676C



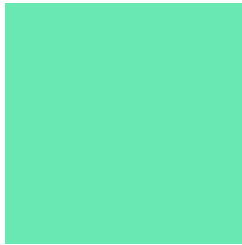
B3004A



330015

Previews

White Background



This preview shows how the Hex color 6AE8B4 looks on a white background.

Color Contrast Check

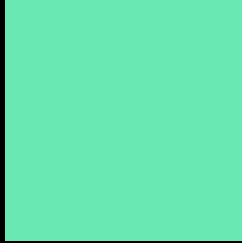
Large Text (above 18pt) WCAG AA × Fail

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 6AE8B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

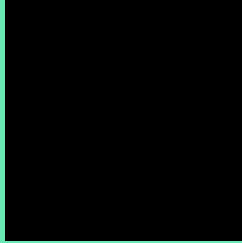
Any Text WCAG AA ✓ Pass

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 6AE8B4 Background



This preview shows how black text looks on a background with the Hex color 6AE8B4.

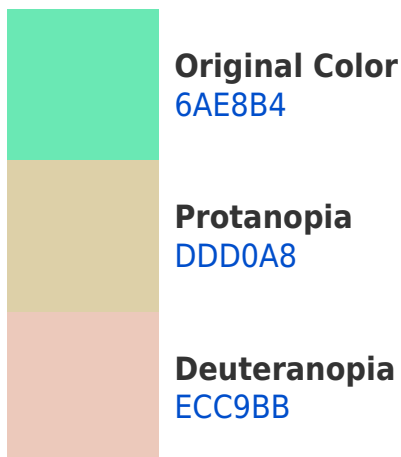


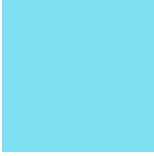
This preview shows how white text looks on a background with the Hex color 6AE8B4.

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](#).

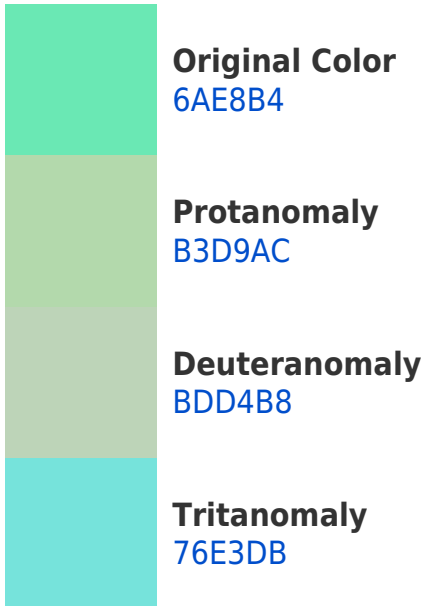
Dichromacy



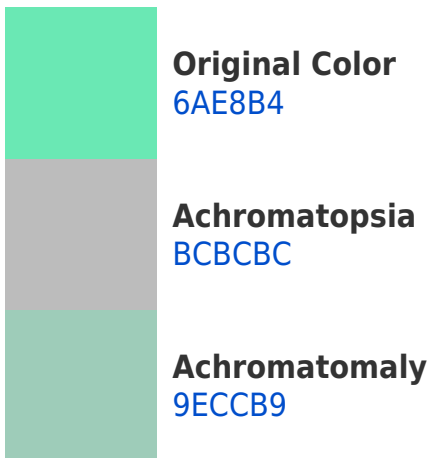


Tritanopia
7DE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE8B4 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 #6AE8B4 looks like.

```
.text, #text, p{  
    color:#6AE8B4  
}
```

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 #6AE8B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE8B4
}
```

Border

The CSS property to change the border of an element to Hex 6AE8B4 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
#6AE8B4 }
```

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

```
.border{ border-color:#6AE8B4 }
```

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

Here you see how a box with a 4 pixel #6AE8B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE8B4; -webkit-box-shadow:4px 4px  
4px 4px #6AE8B4; box-shadow:4px 4px 4px  
4px #6AE8B4 }
```

Background

The CSS property to change the background color of an element to Hex 6AE8B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE8B4 }
```

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

```
.background{ background-color:#6AE8B4 }
```

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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