

# Converting Colors

Hex(6AD089)

Have a look what the booklet for  
Hex(6AD089) contains.

|  |    |
|--|----|
| <b>Hex(6AD089)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(6AD089)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6AD089                       |
| RGB         | 106, 208, 137                |
| RGB Percent | 42%, 82%, 54%                |
| CMY         | 0.5843, 0.1843, 0.4627       |
| CMYK        | 0.49, 0.00, 0.34, 0.18       |
| HSL         | 138°, 52%, 62%               |
| HSV         | 138°, 49%, 82%               |
| XYZ         | 33.0151, 49.9821, 31.5743    |
| YIQ         | 169.4080, -38.0010, -43.7050 |

# Conversions

## Conversions Part 2

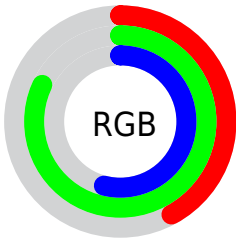
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">106, 184, 208</a>                    |
| Decimal                             | <a href="#">7000201</a>                          |
| CIELab                              | <a href="#">76.06, -45.33, 26.34</a>             |
| CIELCh                              | <a href="#">76, 52.426, 149.838</a>              |
| Yxy                                 | <a href="#">49.9821, 0.2882,<br/>0.4363</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285190281<br/>(0xFF6AD089)</a>      |
| YUV                                 | <a href="#">169.4080, -15.9771,<br/>-55.6088</a> |
| Hunter-Lab                          | <a href="#">70.6980, -40.3642,<br/>23.0092</a>   |

# Details

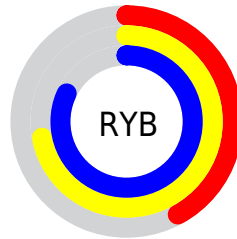
The Hex color **6AD089** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D06AB1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A3FFBF**, and **2E9956** is the 20% darker color. If you saturate the color by 10%, you get **55D07B**, and if you desaturate by 10%, it is **7FD097**.

# Distribution



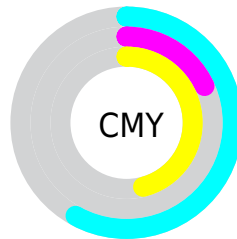
- Red (42%)
- Green (82%)
- Blue (54%)



- Red (42%)
- Yellow (72%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AD089 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 6AD089 by changing the saturation by 10% instead.



 6AD089

 6AD089

FFFFFF

 4DB46F

 A3FFBF

 2E9956

 C0FFDB

 007E3E

 DDFFF7

 006427

 FAFFFF

 004C11

 003400

 001D00

 000000

 6AD089

 6AD089

 55D07B

 7FD097

 40D06C

 94D0A6

 2CD05E

 A8D0B4

 17D04F

 BDD0C3

 02D041

 D2D0D1

 00D03F

 E7D0E0

 FCD0EE

 FFD0FD

 FFD0FF

# Harmonies

## Analogous

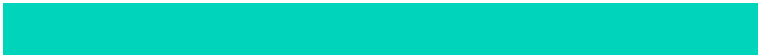
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7C764



6AD089



00D4BA

# Triad

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



6AD089



65C1FF



FF988E

# Complementary

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



6AD089



D06AB1

# 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.



FF93BE



6AD089



BEAFFF

# Square

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



6AD089



00CDFE



F79DED



FFA769

# Rectangle

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



6AD089



00D4DB



F79DED



FF959D

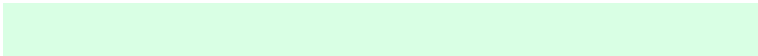


# Sweetspot

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



6AD089



D9FFE4



B1D06A



698070



000000



808080



# Same Dimension

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



6AD089



69FF96



6AD0BC



5E6961



00A833



00290C



# Inverse Universe

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



D06AB1



FF69D1



D06A7E



695E65



A80075



29001C



# Previews

## White Background



This preview shows how the Hex color 6AD089 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 6AD089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

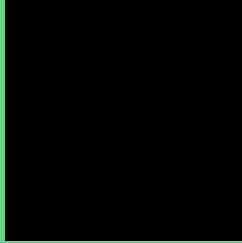
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AD089 Background



This preview shows how black text looks on a background with the Hex color 6AD089.

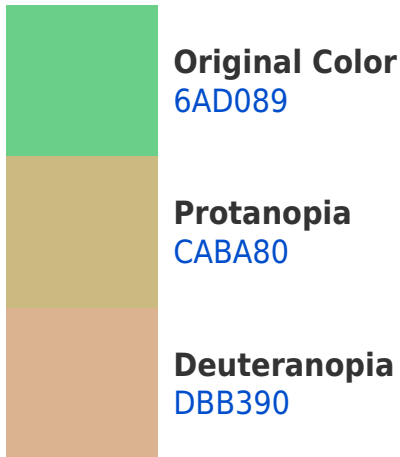


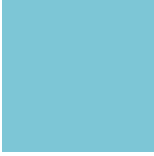
This preview shows how white text looks on a background with the Hex color 6AD089.

# 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**  
7DC6D6

# Trichromacy



**Original Color**  
6AD089



**Protanomaly**  
A7C283



**Deuteranomaly**  
B2BE8D



**Tritanomaly**  
76CABA

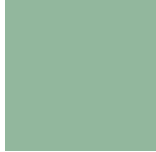
# Monochromacy



**Original Color**  
6AD089



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
92B79D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AD089 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 #6AD089 looks like.

```
.text, #text, p{  
    color:#6AD089  
}
```

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 #6AD089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD089
}
```

## Border

The CSS property to change the border of an element to Hex 6AD089 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
#6AD089 }
```

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

```
.border{ border-color:#6AD089 }
```

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

Here you see how a box with a 4 pixel #6AD089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD089; -webkit-box-shadow:4px 4px  
4px 4px #6AD089; box-shadow:4px 4px 4px  
4px #6AD089 }
```

# Background

The CSS property to change the background color of an element to Hex 6AD089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD089 }
```

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

```
.background{ background-color:#6AD089 }
```

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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