

# Converting Colors

Hex(6DA489)

Have a look what the booklet for  
Hex(6DA489) contains.

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# **Color**

**Hex(6DA489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA489
RGB	109, 164, 137
RGB Percent	43%, 64%, 54%
CMY	0.5725, 0.3569, 0.4627
CMYK	0.34, 0.00, 0.16, 0.36
HSL	151°, 23%, 54%
HSV	151°, 34%, 64%
XYZ	24.0975, 31.6083, 28.4978
YIQ	144.4770, -24.1130, -20.0570

# Conversions

## Conversions Part 2

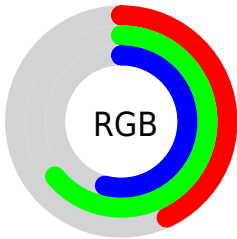
Format	Color
<a href="#">RYB</a>	<a href="#">109, 145, 164</a>
Decimal	<a href="#">7185545</a>
CIELab	<a href="#">63.02, -24.14, 8.31</a>
CIELCh	<a href="#">63, 25.526, 161.013</a>
Yxy	<a href="#">31.6083, 0.2862, 0.3754</a>
Android (android.graphics.Color)	<a href="#">4285375625 (0xFF6DA489)</a>
YUV	<a href="#">144.4770, -3.6862, -31.1133</a>
Hunter-Lab	<a href="#">56.2212, -21.8787, 9.3015</a>

# Details

The Hex color **6DA489** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46D88**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2DBBE**, and **3A7057** is the 20% darker color. If you saturate the color by 10%, you get **5DA481**, and if you desaturate by 10%, it is **7DA491**.

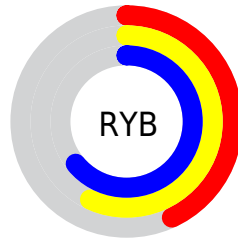
# Distribution



Red (43%)

Green (64%)

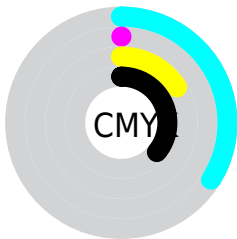
Blue (54%)



Red (43%)

Yellow (57%)

Blue (64%)

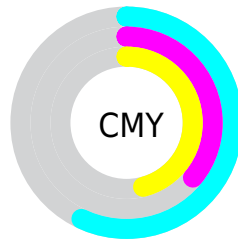


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA489 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 6DA489 by changing the saturation by 10% instead.



 6DA489

 6DA489

FFFFFF

 538A70

 A2DBBE

 3A7057

 BEF8DA

 215740

 DAFFF7

 04402A

 F7FFFF

 002915

 001200

 000000

 6DA489

 6DA489

 5DA481

 7DA491

 4CA479

 8EA499

 3CA471

 9EA4A1

 2BA469

 AFA4A9

 1BA461

 BFA4B1

 0BA459

 CFA4B9

 00A453

 E0A4C1

 F0A4C9

 FFA4D1

# Harmonies

## Analogous

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



87A076



6DA489



58A5A0

# Triad

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



6DA489



8898C5



C38B7C

# Complementary

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



6DA489



A46D89

# 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.



C68891



6DA489



A690BB

# Square

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



6DA489



689FC3



BC8AA8



B6926E

# Rectangle

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



6DA489



53A4AF



BC8AA8



C58A82



# Sweetspot

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



6DA489



C1D6CC



88A46D



5E6B65



EBEBEB



6B6B6B



# Same Dimension

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



6DA489



81D6AC



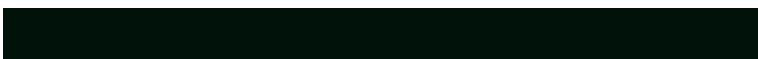
6DA4A4



49524E



00914A



001209



# Inverse Universe

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



A46D88



D681AB



A46D6D



52494D



910047



120009



# Previews

## White Background



This preview shows how the Hex color 6DA489 looks on a white background.

## Color Contrast Check

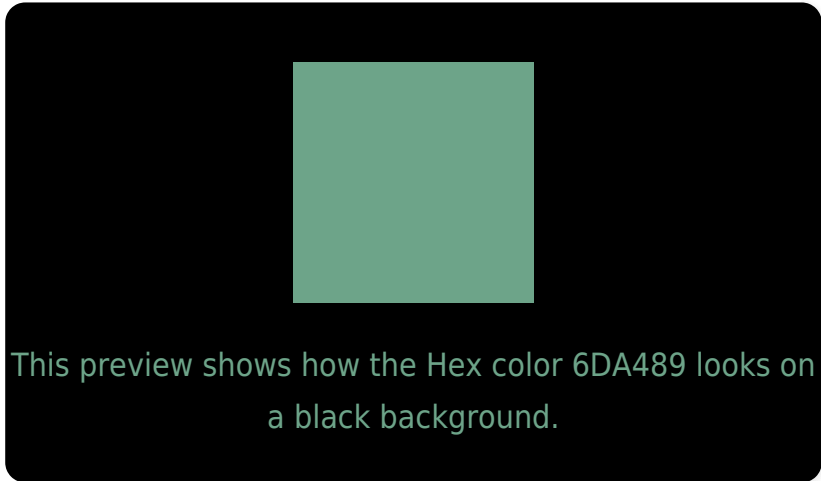
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

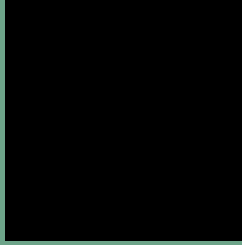
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DA489 Background



This preview shows how black text looks on a background with the Hex color 6DA489.

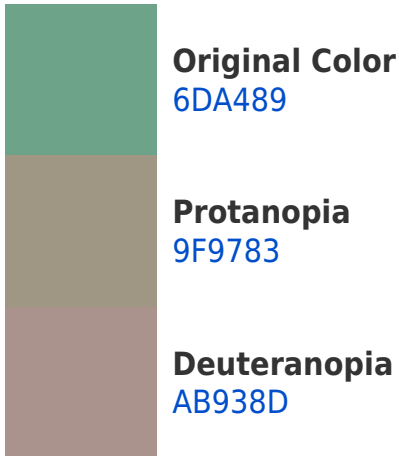


This preview shows how white text looks on a background with the Hex color 6DA489.

# Color Blindness Simulation

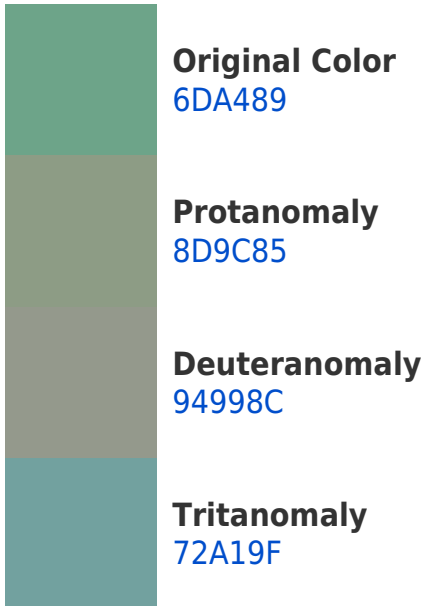
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

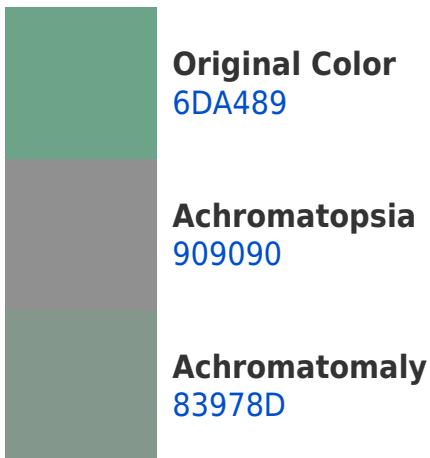




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA489 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 #6DA489 looks like.

```
.text, #text, p{  
    color:#6DA489  
}
```

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 #6DA489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA489
}
```

## Border

The CSS property to change the border of an element to Hex 6DA489 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
#6DA489 }
```

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

```
.border{ border-color:#6DA489 }
```

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

Here you see how a box with a 4 pixel #6DA489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA489; -webkit-box-shadow:4px 4px  
4px 4px #6DA489; box-shadow:4px 4px 4px  
4px #6DA489 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA489 }
```

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

```
.background{ background-color:#6DA489 }
```

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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