

Converting Colors

Hex(6DA86E)

Have a look what the booklet for
Hex(6DA86E) contains.

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Color

Hex(6DA86E)

Conversions

Conversions Part 1

Format	Color
Hex	6DA86E
RGB	109, 168, 110
RGB Percent	43%, 66%, 43%
CMY	0.5725, 0.3412, 0.5686
CMYK	0.35, 0.00, 0.35, 0.34
HSL	121°, 25%, 54%
HSV	121°, 35%, 66%
XYZ	23.1238, 32.3823, 19.7835
YIQ	143.7470, -16.5460, -30.5460

Conversions

Conversions Part 2

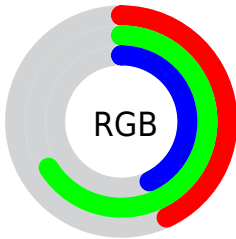
Format	Color
RYB	109, 167, 168
Decimal	7186542
CIELab	63.66, -31.22, 24.06
CIELCh	64, 39.414, 142.373
Yxy	32.3823, 0.3071, 0.4301
Android (android.graphics.Color)	4285376622 (0xFF6DA86E)
YUV	143.7470, -16.6373, -30.4731
Hunter-Lab	56.9054, -27.0502, 19.2213

Details

The Hex color **6DA86E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86DA7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A3E0A2**, and **3A733E** is the 20% darker color. If you saturate the color by 10%, you get **5CA85D**, and if you desaturate by 10%, it is **7EA87F**.

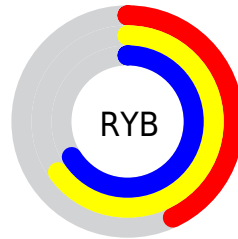
Distribution



Red (43%)

Green (66%)

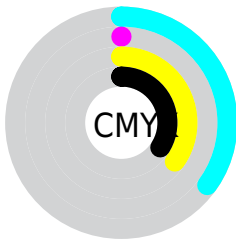
Blue (43%)



Red (43%)

Yellow (65%)

Blue (66%)

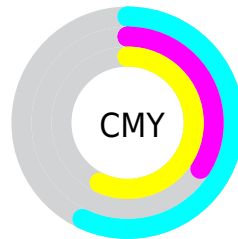


Cyan (35%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA86E 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 6DA86E by changing the saturation by 10% instead.



6DA86E



6DA86E

FFFFFF



538D55



A3E0A2



3A733E



BEFCBD



205B27



DBFFD9



004311



F8FFF6



002C00



001500



000000



6DA86E



6DA86E



5CA85D



7EA87F

 4BA84D

 8FA88F

 3BA83C


 9FA8A0

 2AA82C

 B0A8B0

 19A81B

 C1A8C1

 08A80B

 D2A8D1

 00A803

 E3A8E2

 F3A8F2

 FFA8FF

Harmonies

Analogous

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



96A058



6DA86E



38AC90

Triad

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



6DA86E



51A0DF



DE8081

Complementary

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



6DA86E



A86DA7

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.



D87FA5



6DA86E



9094DB

Square

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



6DA86E



00A9D1



BD87C5



D28964

Rectangle

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



6DA86E



00ADA8



BD87C5



DE7E8D

Sweetspot

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



6DA86E



C3DBC4



A7A86D



5F6E60



EDEDED



6E6E6E

Same Dimension

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



6DA86E



7FDB81



6DA88B



4C544C



009403



001400

Inverse Universe

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



A86DA7



DB7FDA



A86D8A



544C54



940091



140014

Previews

White Background



This preview shows how the Hex color 6DA86E looks on a white background.

Color Contrast Check

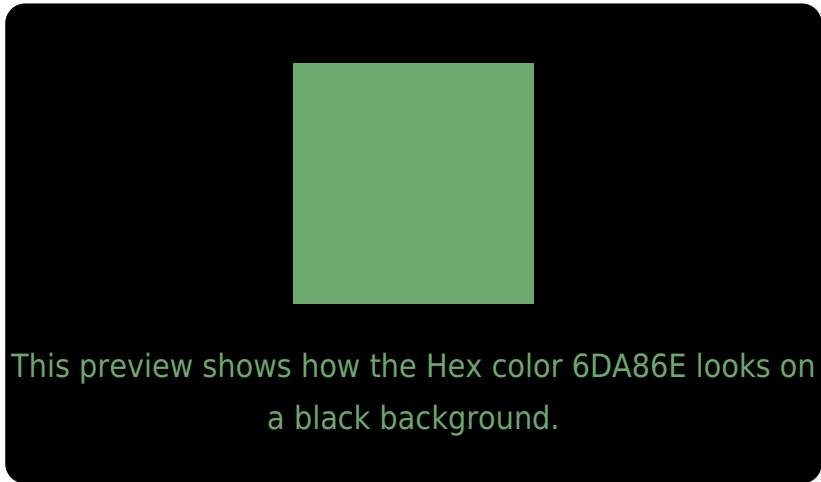
Large Text (above 18pt) WCAG AA × Fail

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 6DA86E Background



This preview shows how black text looks on a background with the Hex color 6DA86E.

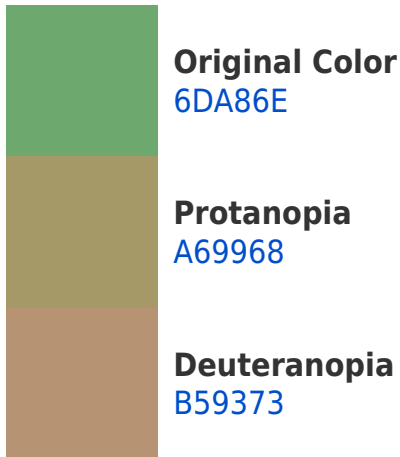


This preview shows how white text looks on a background with the Hex color 6DA86E.

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](#).

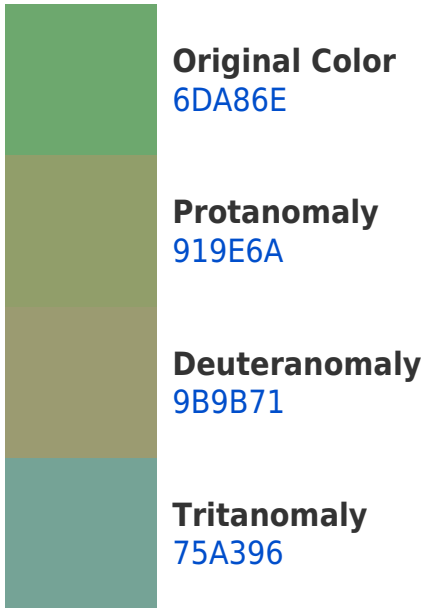
Dichromacy



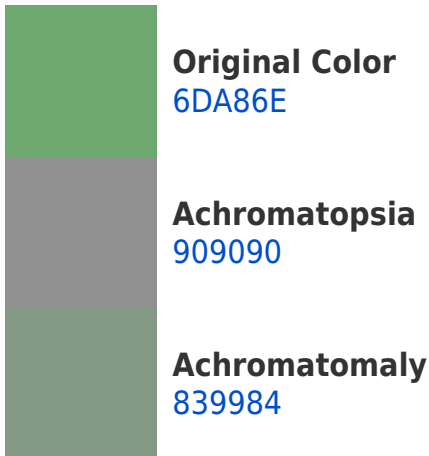


Tritanopia
79A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA86E 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 #6DA86E looks like.

```
.text, #text, p{  
    color:#6DA86E  
}
```

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 #6DA86E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA86E
}
```

Border

The CSS property to change the border of an element to Hex 6DA86E 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
#6DA86E }
```

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

```
.border{ border-color:#6DA86E }
```

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

Here you see how a box with a 4 pixel #6DA86E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA86E; -webkit-box-shadow:4px 4px  
4px 4px #6DA86E; box-shadow:4px 4px 4px  
4px #6DA86E }
```

Background

The CSS property to change the background color of an element to Hex 6DA86E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA86E }
```

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

```
.background{ background-color:#6DA86E }
```

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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