

Converting Colors

Hex(6DBA6F)

Have a look what the booklet for
Hex(6DBA6F) contains.

Hex(6DBA6F)	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(6DBA6F)

Conversions

Conversions Part 1

Format	Color
Hex	6DBA6F
RGB	109, 186, 111
RGB Percent	43%, 73%, 44%
CMY	0.5725, 0.2706, 0.5647
CMYK	0.41, 0.00, 0.40, 0.27
HSL	122°, 36%, 58%
HSV	122°, 41%, 73%
XYZ	26.7348, 39.5167, 21.2573
YIQ	154.4270, -21.8170, -39.6490

Conversions

Conversions Part 2

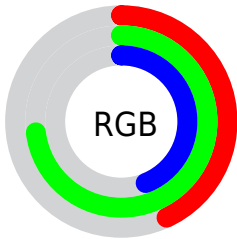
Format	Color
RYB	109, 184, 186
Decimal	7191151
CIELab	69.12, -39.31, 30.74
CIELCh	69, 49.903, 141.973
Yxy	39.5167, 0.3055, 0.4516
Android (android.graphics.Color)	4285381231 (0xFF6DBA6F)
YUV	154.4270, -21.4095, -39.8395
Hunter-Lab	62.8623, -34.0945, 23.9543

Details

The Hex color **6DBA6F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA6DB8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A4F3A3**, and **37843E** is the 20% darker color. If you saturate the color by 10%, you get **5ABA5D**, and if you desaturate by 10%, it is **80BA81**.

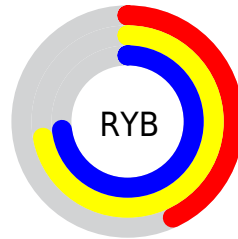
Distribution



Red (43%)

Green (73%)

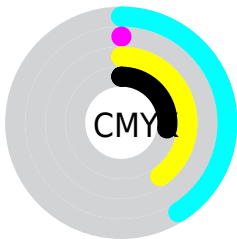
Blue (44%)



Red (43%)

Yellow (72%)

Blue (73%)

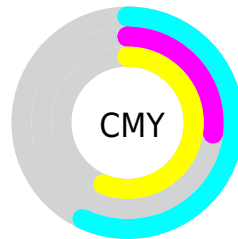


Cyan (41%)

Magenta (0%)

Yellow (40%)

Black (27%)



Cyan (57%)

Magenta (27%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBA6F 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 6DBA6F by changing the saturation by 10% instead.



6DBA6F



6DBA6F

FFFFFF



529F56



A4F3A3



37843E



C0FFBF



186A26



D0FFDB



00520E



FAFFF8



003A00



002600



000000



6DBA6F



6DBA6F



5ABA5D



80BA81

 48BA4B

 92BA93

 35BA39

 A5BAA5

 23BA27

 B7BAB7

 10BA14

 CABACA

 00BA05

 DDBADC

 EFBAEE

 FFBAFF

Harmonies

Analogous

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



A3B051



6DBA6F



00BF9B

Triad

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



6DBA6F



30B1FF



FE8589

Complementary

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



6DBA6F



BA6DB8

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.



F684B7



6DBA6F



99A2FD

Square

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



6DBA6F



00BBEF



D590E1



EE9163

Rectangle

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



6DBA6F



00C0BA



D590E1



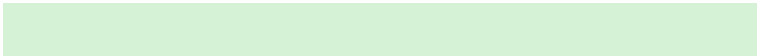
FE8398

Sweetspot

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



6DBA6F



D5F2D6



B9BA6D



697A6A



FAFAFA



7A7A7A

Same Dimension

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



6DBA6F



79F27C



6DBA95



535C53



009C04



001C01

Inverse Universe

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



BA6DB8



F279EF



BA6D92



5C535C



9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 6DBA6F looks on a white background.

Color Contrast Check

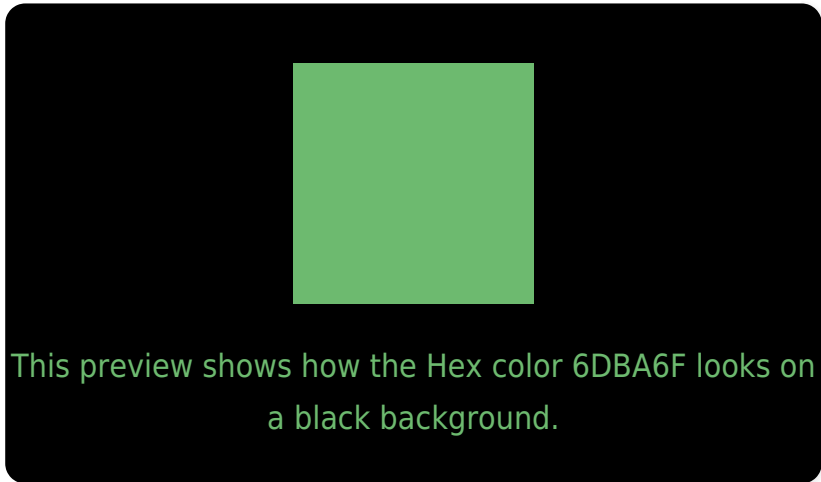
Large Text (above 18pt) WCAG AA × Fail

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 6DBA6F Background



This preview shows how black text looks on a background with the Hex color 6DBA6F.

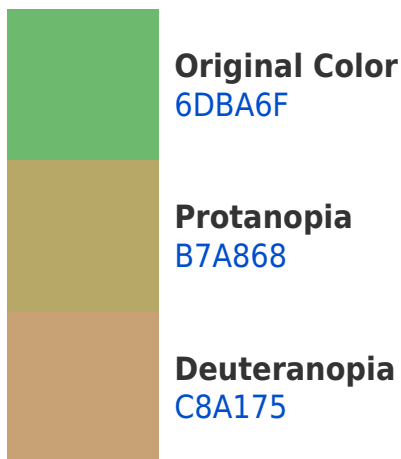


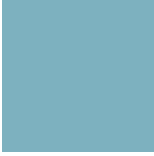
This preview shows how white text looks on a background with the Hex color 6DBA6F.

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](#).

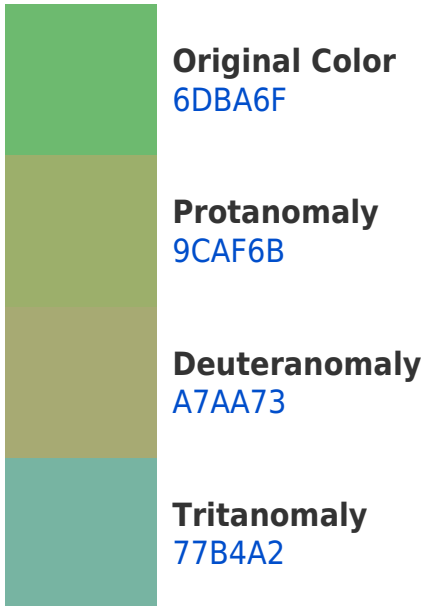
Dichromacy



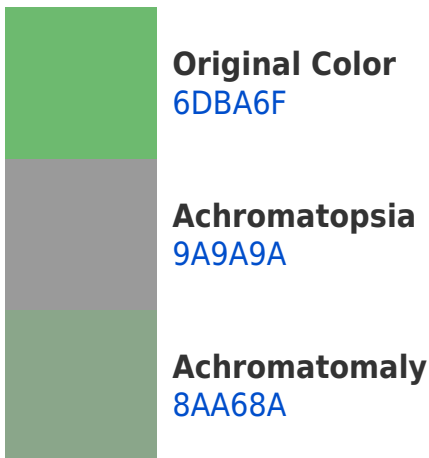


Tritanopia
7DB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBA6F 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 #6DBA6F looks like.

```
.text, #text, p{  
    color:#6DBA6F  
}
```

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 #6DBA6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBA6F
}
```

Border

The CSS property to change the border of an element to Hex 6DBA6F 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
#6DBA6F }
```

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

```
.border{ border-color:#6DBA6F }
```

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

Here you see how a box with a 4 pixel #6DBA6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBA6F; -webkit-box-shadow:4px 4px  
4px 4px #6DBA6F; box-shadow:4px 4px 4px  
4px #6DBA6F }
```

Background

The CSS property to change the background color of an element to Hex 6DBA6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBA6F }
```

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

```
.background{ background-color:#6DBA6F }
```

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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