Converting Colors

Hex(6D994D)

Have a look what the booklet for Hex(6D994D) contains.

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Color

Hex(6D994D)

Conversions

Conversions Part 1

Format	Color
Hex	6D994D
RGB	109, 153, 77
RGB Percent	43%, 60%, 30%
CMY	0.5725, 0.4000, 0.6980
CMYK	0.29, 0.00, 0.50, 0.40
HSL	95°, 33%, 45%
HSV	95°, 50%, 60%
XYZ	19.0375, 26.5695, 11.1462
YIQ	131.1800, -1.8280, -32.9640

Conversions

Conversions Part 2

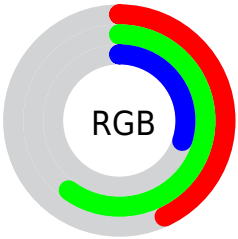
Format	Color
RYB	77, 153, 121
Decimal	7182669
CIELab	58.57, -28.89, 35.02
CIELCh	59, 45.398, 129.527
Yxy	26.5695, 0.3354, 0.4682
Android (android.graphics.Color)	4285372749 (0xFF6D994D)
YUV	131.1800, -26.7107, -19.4519
Hunter-Lab	51.5456, -24.2790, 23.2611

Details

The Hex color 6D994D is a dark color, and the websafe version is hex 669933. A complement of this color would be 794D99, and the grayscale version is 838383.

A 20% lighter version of the original color is A2D080, and 3A661D is the 20% darker color. If you saturate the color by 10%, you get 64993E, and if you desaturate by 10%, it is 76995C.

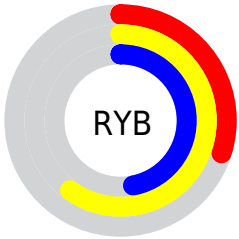
Distribution



Red (43%)

Green (60%)

Blue (30%)



Red (30%)

Yellow (60%)

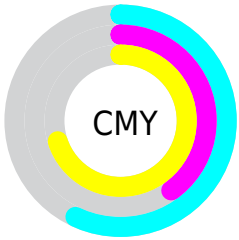
Blue (47%)

Cyan (29%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D994D 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 6D994D by changing the saturation by 10% instead.

6D994D	6D994D
FFFFFF	537F35
A2D080	3A661D
BEEC9A	214D03
DAFFB5	073600
F7FFD1	002200
FFFFEE	000000

6D994D	6D994D
64993E	76995C
5B992E	7F996C

52991F

4A9910

419901

409900

88997B

90998A

99999A

A299A9

AB99B8

B499C7

BD99D7

Harmonies

Analogous

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

988F3B

6D994D

309F70

Triad

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

6D994D

0099D7

D76B82

Complementary

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

6D994D

794D99

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.

C86FAA

6D994D

5F8DDB

Square

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

6D994D

009FBE

A07DCA

D1735C

Rectangle

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

6D994D

00A18B

A07DCA

D56B8F

Sweetspot

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

6D994D

B6C7A9

99784D

596352

E3E3E3

636363

Same Dimension

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

6D994D

82C750

4D9952

484D45

3B8C00

050D00

Inverse Universe

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

794D99

9550C7

994D94

49454D

51008C

07000D

Previews

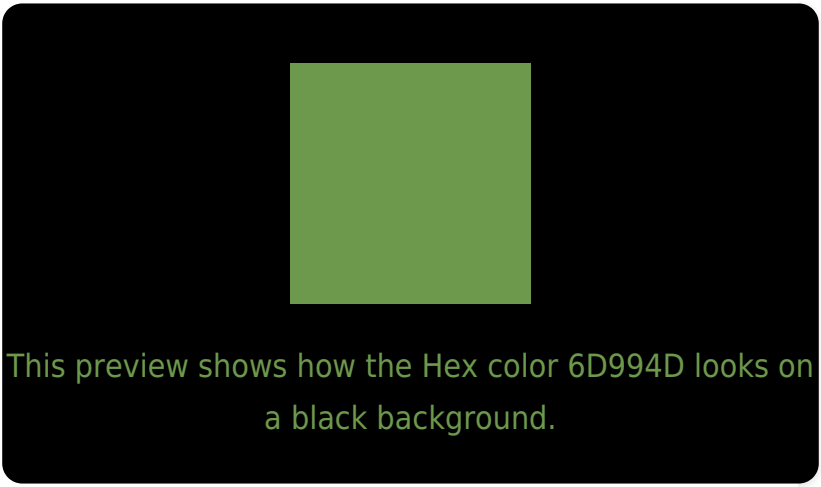
White Background

This preview shows how the Hex color 6D994D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



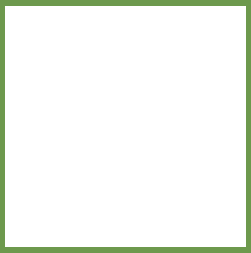
Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 6D994D Background

This preview shows how black text looks on a background with the Hex color 6D994D.



This preview shows how white text looks on a background with the Hex color 6D994D.

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

Original Color
6D994D

Protanopia
9B8C49

Deuteranopia
AB8652

Tritanopia
79909C

Trichromacy

Original Color
6D994D

Protanomaly
8A914A

Deuteranomaly
948D50

Tritanomaly
75937F

Monochromacy

Original Color
6D994D

Achromatopsia
838383

Achromatomaly
7B8B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D994D 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 #6D994D looks like.

```
.text, #text, p{
    color:#6D994D
}
```

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 #6D994D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D994D
}
```

Border

The CSS property to change the border of an element to Hex 6D994D 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
#6D994D }
```

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

```
.border{ border-color:#6D994D }
```

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

Here you see how a box with a 4 pixel #6D994D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #6D994D; -webkit-box-shadow:4px 4px 4px 4px #6D994D; box-shadow:4px 4px 4px 4px #6D994D }
```

Background

The CSS property to change the background color of an element to Hex 6D994D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#6D994D }
```

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

```
.background{ background-color:#6D994D }
```

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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