

Converting Colors

Hex(6B993D)

Have a look what the booklet for
Hex(6B993D) contains.

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Color

Hex(6B993D)

Conversions

Conversions Part 1

Format	Color
Hex	6B993D
RGB	107, 153, 61
RGB Percent	42%, 60%, 24%
CMY	0.5804, 0.4000, 0.7608
CMYK	0.30, 0.00, 0.60, 0.40
HSL	90°, 43%, 42%
HSV	90°, 60%, 60%
XYZ	18.2969, 26.2452, 8.5164
YIQ	128.7580, 2.1160, -38.3640

Conversions

Conversions Part 2

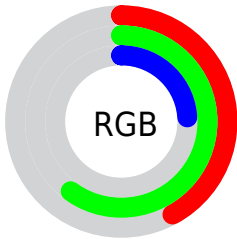
Format	Color
RYB	61, 153, 107
Decimal	7051581
CIELab	58.27, -31.42, 42.52
CIELCh	58, 52.870, 126.466
Yxy	26.2452, 0.3448, 0.4946
Android (android.graphics.Color)	4285241661 (0xFF6B993D)
YUV	128.7580, -33.4047, -19.0818
Hunter-Lab	51.2301, -25.9009, 26.0048

Details

The Hex color **6B993D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B3D99**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A1D070**, and **376606** is the 20% darker color. If you saturate the color by 10%, you get **63992E**, and if you desaturate by 10%, it is **73994C**.

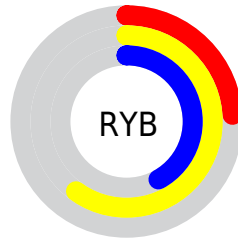
Distribution



Red (42%)

Green (60%)

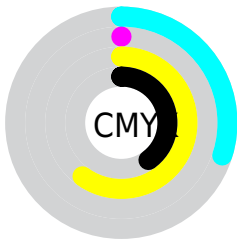
Blue (24%)



Red (24%)

Yellow (60%)

Blue (42%)

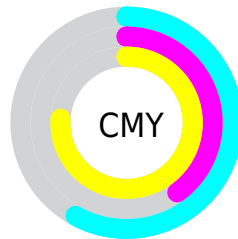


Cyan (30%)

Magenta (0%)

Yellow (60%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B993D 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 6B993D by changing the saturation by 10% instead.



6B993D



6B993D

FFFFFF



517F24



A1D070



376606



BDEC8A



1D4D00



D9FFA5



003600



F6FFC1



002200



FFFFDD



000000



FFFFFFA



6B993D



6B993D



63992E



73994C

■ 5C991E

■ 7A995C

■ 54990F

■ 82996B

■ 4D9900

■ 8A997A

■ 91998A

■ 999999

■ A199A8

■ A899B7

■ B099C7

Harmonies

Analogous

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



9C8D28



6B993D



15A065

Triad

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



6B993D



009BE0



E06284

Complementary

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



6B993D



6B3D99

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.



CC69B2



6B993D



408EE8

Square

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



6B993D



00A1C2



9C7CD7



DB6B58

Rectangle

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



6B993D



00A285



9C7CD7



DD6294

Sweetspot

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



6B993D



B5C7A3



996B3D



59634E



E3E3E3



636363

Same Dimension

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



6B993D



7FC738



3D993D



494D45



468C00



060D00

Inverse Universe

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



6B3D99



7F38C7



993D99



49454D



46008C



06000D

Previews

White Background



This preview shows how the Hex color 6B993D looks on a white background.

Color Contrast Check

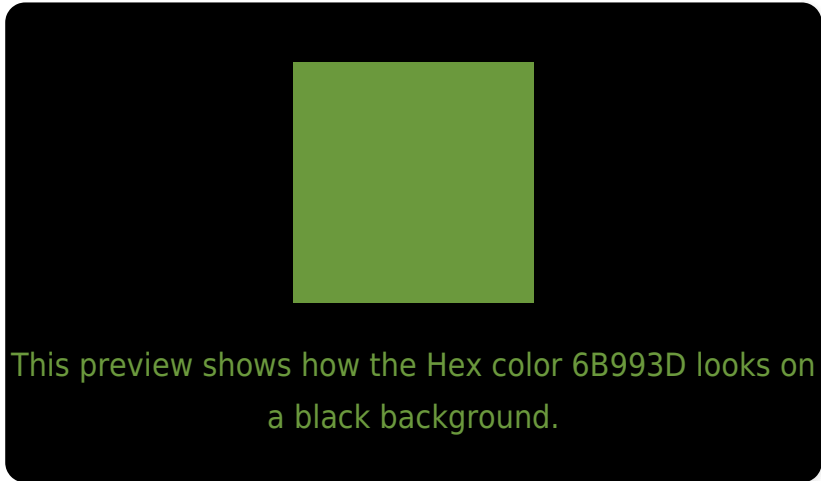
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B993D Background



This preview shows how black text looks on a background with the Hex color 6B993D.

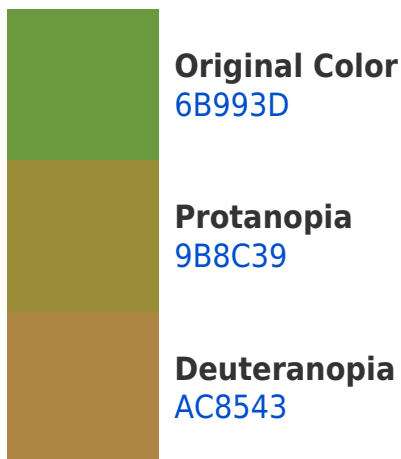


This preview shows how white text looks on a background with the Hex color 6B993D.

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](#).

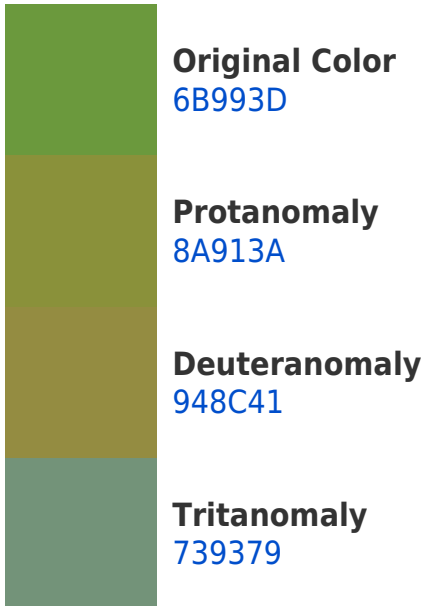
Dichromacy





Tritanopia
788F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B993D 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 #6B993D looks like.

```
.text, #text, p{  
    color:#6B993D  
}
```

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 #6B993D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B993D
}
```

Border

The CSS property to change the border of an element to Hex 6B993D 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
#6B993D }
```

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

```
.border{ border-color:#6B993D }
```

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

Here you see how a box with a 4 pixel #6B993D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B993D; -webkit-box-shadow:4px 4px  
4px 4px #6B993D; box-shadow:4px 4px 4px  
4px #6B993D }
```

Background

The CSS property to change the background color of an element to Hex 6B993D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B993D }
```

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

```
.background{ background-color:#6B993D }
```

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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