

Converting Colors

Hex(6DBB61)

Have a look what the booklet for
Hex(6DBB61) contains.

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Color

Hex(6DBB61)

Conversions

Conversions Part 1

Format	Color
Hex	6DBB61
RGB	109, 187, 97
RGB Percent	43%, 73%, 38%
CMY	0.5725, 0.2667, 0.6196
CMYK	0.42, 0.00, 0.48, 0.27
HSL	112°, 40%, 56%
HSV	112°, 48%, 73%
XYZ	26.2347, 39.6549, 17.5807
YIQ	153.4180, -17.5980, -44.5260

Conversions

Conversions Part 2

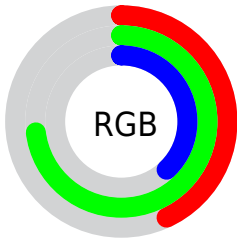
Format	Color
RYB	97, 187, 175
Decimal	7191393
CIELab	69.22, -41.79, 38.03
CIELCh	69, 56.505, 137.699
Yxy	39.6549, 0.3143, 0.4751
Android (android.graphics.Color)	4285381473 (0xFF6DBB61)
YUV	153.4180, -27.8141, -38.9546
Hunter-Lab	62.9722, -35.8369, 27.5278

Details

The Hex color **6DBB61** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF61BB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A4F495**, and **36852F** is the 20% darker color. If you saturate the color by 10%, you get **5DBB4E**, and if you desaturate by 10%, it is **7DBB74**.

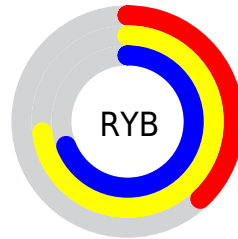
Distribution



Red (43%)

Green (73%)

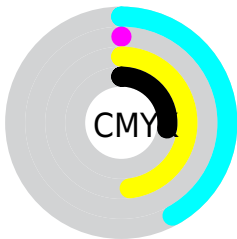
Blue (38%)



Red (38%)

Yellow (73%)

Blue (69%)

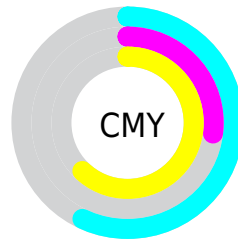


Cyan (42%)

Magenta (0%)

Yellow (48%)

Black (27%)



Cyan (57%)

Magenta (27%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBB61 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 6DBB61 by changing the saturation by 10% instead.

 6DBB61

 6DBB61

FFFFFF

 52A048

 A4F495

 36852F

 C1FFB0

 156B16

 DEFFCC

 005200

 FBFFE9

 003A00

 002600

 000000

 6DBB61

 6DBB61

 5DBB4E

 7DBB74

 4DBB3C

 8DBB86

 3CBB29

 9EBB99

 2CBB16

 AEBBAC

 1CBB04

 BEBBBF

 19BB00

 CEBBD1

 DEBBE4

 EFBBF7

 FFBBFF

Harmonies

Analogous

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



A8B041



6DBB61



00C191

Triad

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



6DBB61



00B5FF



FF7D8D

Complementary

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



6DBB61



AF61BB

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.



FC7FC0



6DBB61



87A4FF

Square

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



6DBB61



00BFF4



D38FEE



FA8B5F

Rectangle

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



6DBB61



00C2B5



D38FEE



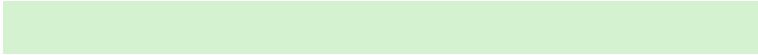
FF7C9E

Sweetspot

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



6DBB61



D5F2D0



BBAF61



687A66



FAFAFA



7A7A7A

Same Dimension

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



6DBB61



78F266



61BB82



565E55



159E00



041F00

Inverse Universe

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



AF61BB



E066F2



BB619A



5D555E



89009E



1B001F

Previews

White Background



This preview shows how the Hex color 6DBB61 looks on a white background.

Color Contrast Check

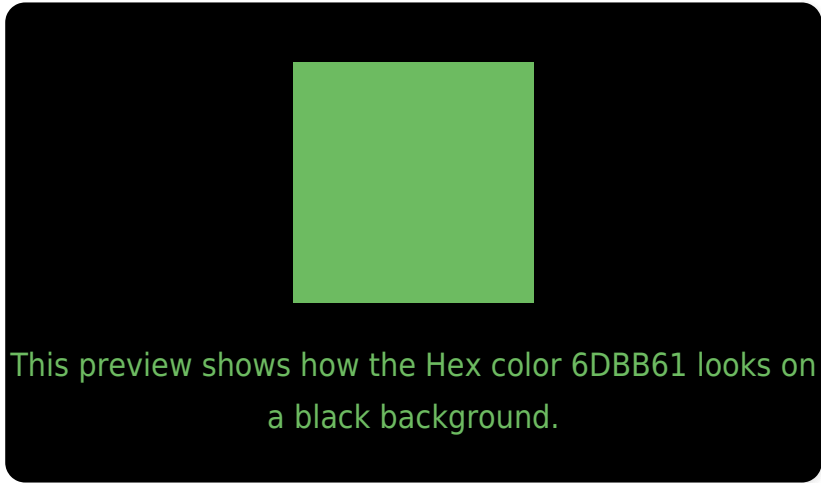
Large Text (above 18pt) WCAG AA × Fail

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 6DBB61 Background



This preview shows how black text looks on a background with the Hex color 6DBB61.

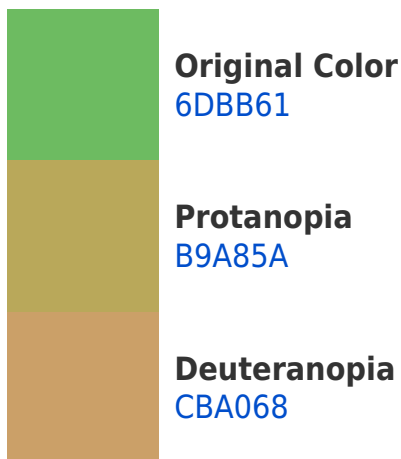


This preview shows how white text looks on a background with the Hex color 6DBB61.

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
7FB1BF

Trichromacy



Original Color
6DBB61



Protanomaly
9DAF5D



Deuteranomaly
A9AA65



Tritanomaly
78B59D

Monochromacy



Original Color
6DBB61



Achromatopsia
999999



Achromatomaly
89A585

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBB61 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 #6DBB61 looks like.

```
.text, #text, p{  
    color:#6DBB61  
}
```

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 #6DBB61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBB61
}
```

Border

The CSS property to change the border of an element to Hex 6DBB61 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
#6DBB61 }
```

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

```
.border{ border-color:#6DBB61 }
```

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

Here you see how a box with a 4 pixel #6DBB61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBB61; -webkit-box-shadow:4px 4px  
4px 4px #6DBB61; box-shadow:4px 4px 4px  
4px #6DBB61 }
```

Background

The CSS property to change the background color of an element to Hex 6DBB61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBB61 }
```

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

```
.background{ background-color:#6DBB61 }
```

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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