

# Converting Colors

Hex(6DB061)

Have a look what the booklet for  
Hex(6DB061) contains.

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**Color**

**Hex(6DB061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DB061
RGB	109, 176, 97
RGB Percent	43%, 69%, 38%
CMY	0.5725, 0.3098, 0.6196
CMYK	0.38, 0.00, 0.45, 0.31
HSL	111°, 33%, 54%
HSV	111°, 45%, 69%
XYZ	23.9897, 35.1649, 16.8324
YIQ	146.9610, -14.5730, -38.7730

# Conversions

## Conversions Part 2

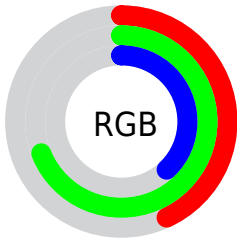
Format	Color
<a href="#">RYB</a>	<a href="#">97, 176, 164</a>
Decimal	<a href="#">7188577</a>
CIELab	<a href="#">65.88, -36.93, 33.83</a>
CIELCh	<a href="#">66, 50.084, 137.513</a>
Yxy	<a href="#">35.1649, 0.3157, 0.4628</a>
Android (android.graphics.Color)	<a href="#">4285378657</a> ( <a href="#">0xFF6DB061</a> )
YUV	<a href="#">146.9610, -24.6308, -33.2918</a>
Hunter-Lab	<a href="#">59.3000, -31.5634, 24.6805</a>

# Details

The Hex color **6DB061** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A461B0**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A3E895**, and **387B30** is the 20% darker color. If you saturate the color by 10%, you get **5EB04F**, and if you desaturate by 10%, it is **7CB073**.

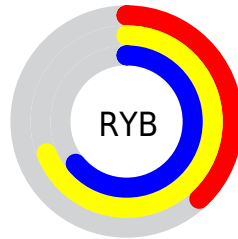
# Distribution



Red (43%)

Green (69%)

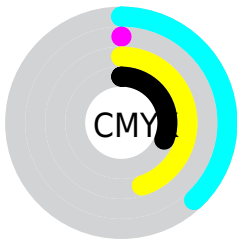
Blue (38%)



Red (38%)

Yellow (69%)

Blue (64%)

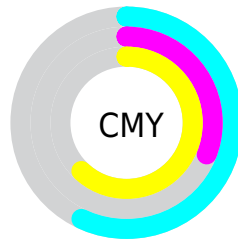


Cyan (38%)

Magenta (0%)

Yellow (45%)

Black (31%)



Cyan (57%)

Magenta (31%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB061 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 6DB061 by changing the saturation by 10% instead.



 6DB061

 6DB061

FFFFFF

 529548

 A3E895

 387B30

 BFFF80

 1B6118

 DCFFCC

 004900

 F9FFE8

 003200

 001D00

 000000

 6DB061

 6DB061

 5EB04F

 7CB073

 4FB03E

 8BB084

 40B02C

 9AB096

 31B01B

 A9B0A7

 22B009

 B8B0B9

 1BB000

 C7B0CB

 D5B0DC

 E4B0EE

 F3B0FF

# Harmonies

## Analogous

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



A1A646



6DB061



05B68B

# Triad

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



6DB061



00AAF7



F47B87

# Complementary

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



6DB061



A461B0

# 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.



EA7CB5



6DB061



849CF6

# Square

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



6DB061



00B3E1



C58ADD



E8865F

# Rectangle

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



6DB061



00B7AA



C58ADD



F47996



# Sweetspot

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



6DB061



CCE6C8



B0A361



637360



F2F2F2



737373



# Same Dimension

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



6DB061



7CE66A



61B07B



525950



179900



041A00



# Inverse Universe

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



A461B0



D36AE6



B06196



585059



820099



16001A



# Previews

## White Background



This preview shows how the Hex color 6DB061 looks on a white background.

## Color Contrast Check

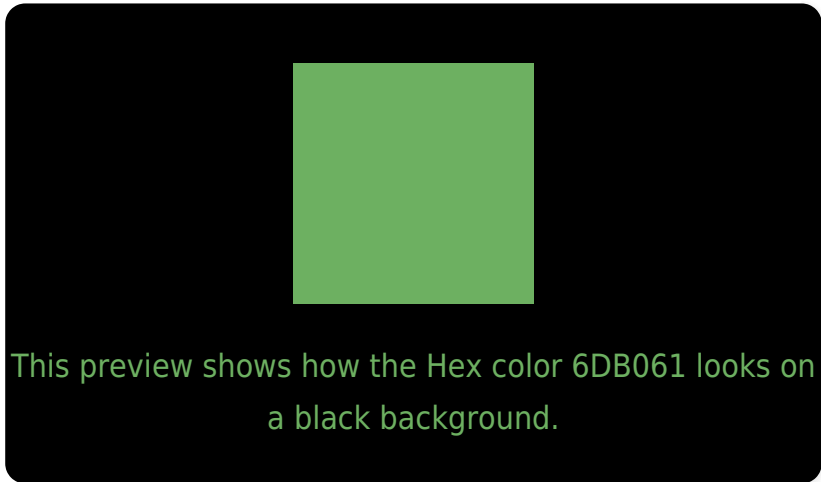
Large Text (above 18pt) WCAG AA × Fail

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

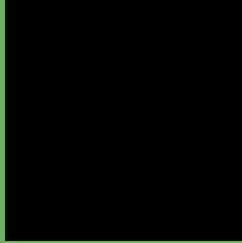
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DB061 Background



This preview shows how black text looks on a background with the Hex color 6DB061.

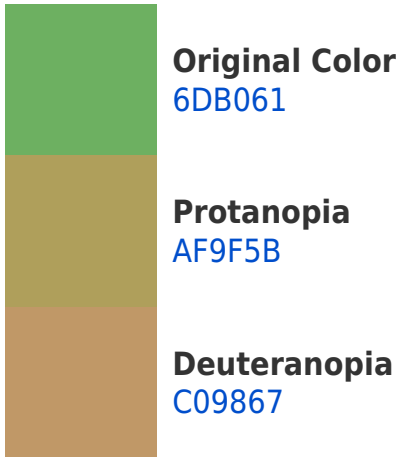


This preview shows how white text looks on a background with the Hex color 6DB061.

# 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](#).

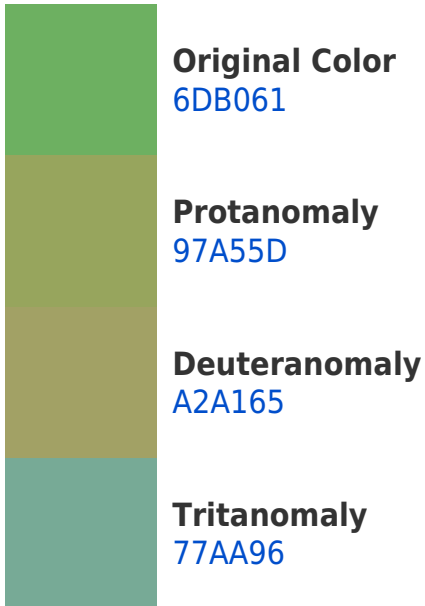
## Dichromacy





**Tritanopia**  
7CA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB061 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 #6DB061 looks like.

```
.text, #text, p{  
    color:#6DB061  
}
```

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 #6DB061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB061
}
```

## Border

The CSS property to change the border of an element to Hex 6DB061 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
#6DB061 }
```

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

```
.border{ border-color:#6DB061 }
```

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

Here you see how a box with a 4 pixel #6DB061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB061; -webkit-box-shadow:4px 4px  
4px 4px #6DB061; box-shadow:4px 4px 4px  
4px #6DB061 }
```

# Background

The CSS property to change the background color of an element to Hex 6DB061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB061 }
```

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

```
.background{ background-color:#6DB061 }
```

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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