

Converting Colors

Hex(6BD671)

Have a look what the booklet for
Hex(6BD671) contains.

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Color

Hex(6BD671)

Conversions

Conversions Part 1

Format	Color
Hex	6BD671
RGB	107, 214, 113
RGB Percent	42%, 84%, 44%
CMY	0.5804, 0.1608, 0.5569
CMYK	0.50, 0.00, 0.47, 0.16
HSL	123°, 57%, 63%
HSV	123°, 50%, 84%
XYZ	33.0906, 52.4112, 23.9951
YIQ	170.4930, -31.3510, -54.0950

Conversions

Conversions Part 2

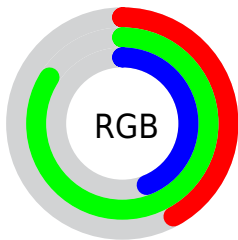
Format	Color
RYB	107, 208, 214
Decimal	7067249
CIELab	77.53, -51.39, 40.45
CIELCh	78, 65.395, 141.793
Yxy	52.4112, 0.3022, 0.4787
Android (android.graphics.Color)	4285257329 (0xFF6BD671)
YUV	170.4930, -28.3440, -55.6834
Hunter-Lab	72.3956, -45.1034, 31.0256

Details

The Hex color **6BD671** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D66BD0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A5FFA6**, and **2D9E3E** is the 20% darker color. If you saturate the color by 10%, you get **56D65D**, and if you desaturate by 10%, it is **80D685**.

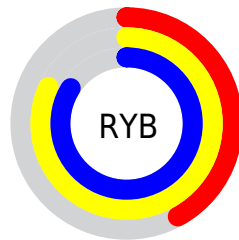
Distribution



Red (42%)

Green (84%)

Blue (44%)



Red (42%)

Yellow (82%)

Blue (84%)

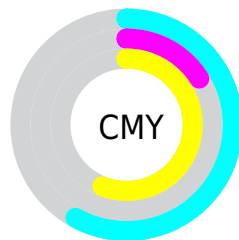


Cyan (50%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (58%)

Magenta (16%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD671 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 6BD671 by changing the saturation by 10% instead.

 6BD671

 6BD671

FFFFFF

 4DBA57

 A5FFA6

 2D9E3E

 C2FFC2

 008425

 DFFFDE

 006908

 FDFFB

 005000

 003800

 002200

 000000

 6BD671

 6BD671

 56D65D

 80D685

 40D649

 96D699

 2BD634

 ABD6AE

 15D620

 C1D6C2

 00D60C

 D6D6D6

 EBD6EA

 FFD6FE

 FFD6FF

Harmonies

Analogous

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



B6CA47



6BD671



00DCAC

Triad

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



6BD671



00CBFF



FF8C96

Complementary

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



6BD671



D66BD0

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.



FF8BD3



6BD671



A5B6FF

Square

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



6BD671



00D8FF



F99DFF



FF9F61

Rectangle

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



6BD671



00DDD6



F99DFF



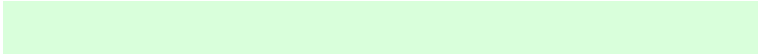
FF89AA

Sweetspot

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



6BD671



D9FFDB



D1D66B



69806A



000000



808080

Same Dimension

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



6BD671



66FF6F



6BD6A6



606B61



00AB0A



002B02

Inverse Universe

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



D66BD0



FF66F6



D66B9B



6B606A



AB00A1



2B0029

Previews

White Background



This preview shows how the Hex color 6BD671 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



This preview shows how the Hex color 6BD671 looks on a 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 6BD671 Background



This preview shows how black text looks on a background with the Hex color 6BD671.

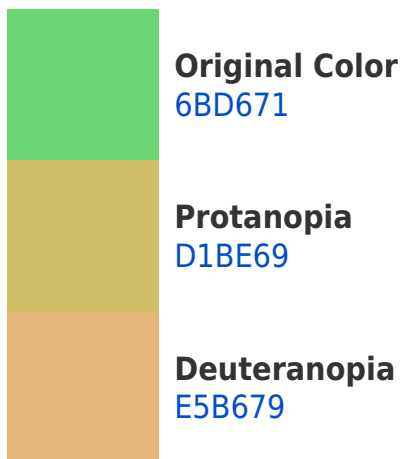


This preview shows how white text looks on a background with the Hex color 6BD671.

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



Trichromacy



Original Color
6BD671



Protanomaly
ACC76C



Deuteranomaly
B9C276



Tritanomaly
7ACEB4

Monochromacy



Original Color
6BD671



Achromatopsia
AAAAAA



Achromatomaly
93BA95

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD671 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 #6BD671 looks like.

```
.text, #text, p{  
    color:#6BD671  
}
```

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 #6BD671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD671  
}
```

Border

The CSS property to change the border of an element to Hex 6BD671 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  
#6BD671 }
```

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

```
.border{ border-color:#6BD671 }
```

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

Here you see how a box with a 4 pixel #6BD671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD671; -webkit-box-shadow:4px 4px  
4px 4px #6BD671; box-shadow:4px 4px 4px  
4px #6BD671 }
```

Background

The CSS property to change the background color of an element to Hex 6BD671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD671 }
```

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

```
.background{ background-color:#6BD671 }
```

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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