

Converting Colors

Hex(6DDD73)

Have a look what the booklet for
Hex(6DDD73) contains.

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Color

Hex(6DDD73)

Conversions

Conversions Part 1

Format	Color
Hex	6DDD73
RGB	109, 221, 115
RGB Percent	43%, 87%, 45%
CMY	0.5725, 0.1333, 0.5490
CMYK	0.51, 0.00, 0.48, 0.13
HSL	123°, 62%, 65%
HSV	123°, 51%, 87%
XYZ	35.2576, 56.2019, 25.2094
YIQ	175.4280, -32.7260, -56.7100

Conversions

Conversions Part 2

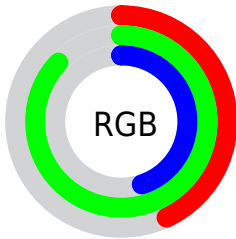
Format	Color
RYB	109, 215, 221
Decimal	7200115
CIELab	79.73, -53.36, 42.24
CIELCh	80, 68.058, 141.637
Yxy	56.2019, 0.3022, 0.4817
Android (android.graphics.Color)	4285390195 (0xFF6DDD73)
YUV	175.4280, -29.7910, -58.2574
Hunter-Lab	74.9679, -47.2448, 32.5401

Details

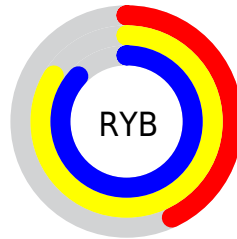
The Hex color **6DDD73** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DD6DD7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A7FFA9**, and **2EA540** is the 20% darker color. If you saturate the color by 10%, you get **57DD5E**, and if you desaturate by 10%, it is **83DD88**.

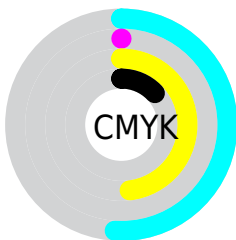
Distribution



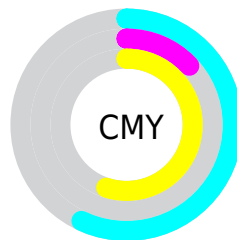
- Red (43%)
- Green (87%)
- Blue (45%)



- Red (43%)
- Yellow (84%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (57%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DDD73 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 6DDD73 by changing the saturation by 10% instead.



6DDD73



6DDD73

FFFFFF



4FC159



A7FFA9



2EA540



C5FFC4



008A26



E2FFE1



007009

FFFFFFE



005600



003D00



002700



000000



6DDD73



6DDD73

 57DD5E

 83DD88

 41DD49

 99DD9D

 2BDD34

 AFDDB2

 15DD1F

 C5DDC7

 00DD0C

 DBDDDC

 F2DDF0

 FFDDFF

Harmonies

Analogous

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



BBD046



6DDD73



00E4B1

Triad

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



6DDD73



00D2FF



FF8F9A

Complementary

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



6DDD73



DD6DD7

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.



FF8EDA



6DDD73



A9BCFF

Square

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



6DDD73



00DFFF



FFA2FF



FFA463

Rectangle

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



6DDD73



00E5DD



FFA2FF



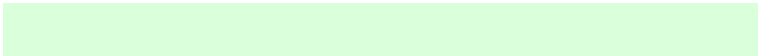
FF8CAF

Sweetspot

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



6DDD73



D9FFDB



D7DD6D



69806A



000000



808080

Same Dimension

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



6DDD73



63FF6C



6DDDAB



636E63



00AD09



002E02

Inverse Universe

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



DD6DD7



FF63F7



DD6D9F



6E636D



AD00A4



2E002B

Previews

White Background



This preview shows how the Hex color 6DDD73 looks on a white background.

Color Contrast Check

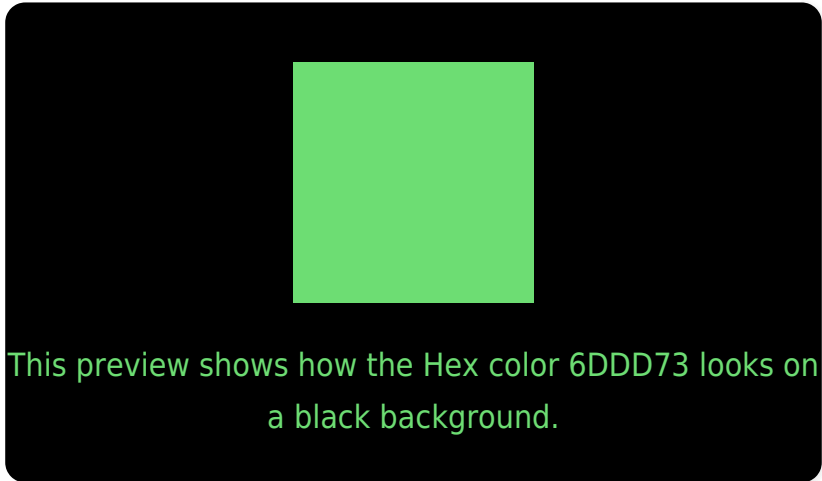
Large Text (above 18pt) WCAG AA × Fail

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

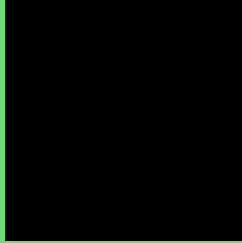
Any Text WCAG AA ✓ Pass

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 6DDD73 Background



This preview shows how black text looks on a background with the Hex color 6DDD73.

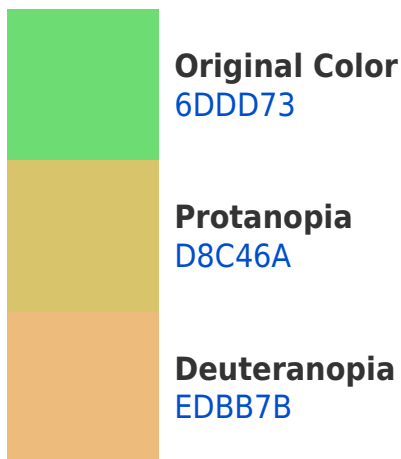


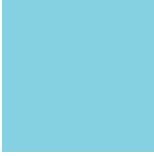
This preview shows how white text looks on a background with the Hex color 6DDD73.

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
86D1E1

Trichromacy



Original Color
6DDD73



Protanomaly
B1CD6D



Deuteranomaly
BEC778



Tritanomaly
7DD5B9

Monochromacy



Original Color
6DDD73



Achromatopsia
AFAFAF



Achromatomaly
97C099

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DDD73 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 #6DDD73 looks like.

```
.text, #text, p{  
    color:#6DDD73  
}
```

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 #6DDD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DDD73
}
```

Border

The CSS property to change the border of an element to Hex 6DDD73 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
#6DDD73 }
```

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

```
.border{ border-color:#6DDD73 }
```

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

Here you see how a box with a 4 pixel #6DDD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DDD73; -webkit-box-shadow:4px 4px  
4px 4px #6DDD73; box-shadow:4px 4px 4px  
4px #6DDD73 }
```

Background

The CSS property to change the background color of an element to Hex 6DDD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DDD73 }
```

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

```
.background{ background-color:#6DDD73 }
```

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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