

Converting Colors

Hex(6ED063)

Have a look what the booklet for
Hex(6ED063) contains.

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Color

Hex(6ED063)

Conversions

Conversions Part 1

Format	Color
Hex	6ED063
RGB	110, 208, 99
RGB Percent	43%, 82%, 39%
CMY	0.5686, 0.1843, 0.6118
CMYK	0.47, 0.00, 0.52, 0.18
HSL	114°, 54%, 60%
HSV	114°, 52%, 82%
XYZ	31.2384, 49.3276, 19.6791
YIQ	166.2720, -23.4190, -54.6750

Conversions

Conversions Part 2

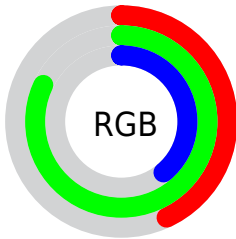
Format	Color
RYB	99, 208, 197
Decimal	7262307
CIELab	75.65, -50.01, 44.95
CIElCh	76, 67.240, 138.052
Yxy	49.3276, 0.3116, 0.4921
Android (android.graphics.Color)	4285452387 (0xFF6ED063)
YUV	166.2720, -33.1651, -49.3505
Hunter-Lab	70.2336, -43.5158, 32.5508

Details

The Hex color **6ED063** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C563D0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A7FF98**, and **329930** is the 20% darker color. If you saturate the color by 10%, you get **5BD04E**, and if you desaturate by 10%, it is **81D078**.

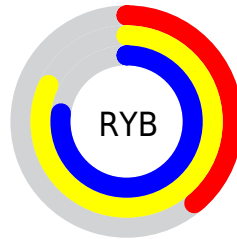
Distribution



Red (43%)

Green (82%)

Blue (39%)



Red (39%)

Yellow (82%)

Blue (77%)

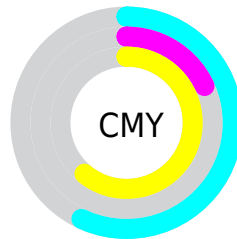


Cyan (47%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (57%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED063 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 6ED063 by changing the saturation by 10% instead.

 6ED063

 6ED063

FFFFFF

 51B449

 A7FF98

 329930

 C4FFB4

 037E14

 E2FFD0

 006400

 FFFFEC

 004B00

 003400

 001C00

 000000

 6ED063

 6ED063

 5BD04E

 81D078

 49D039

 93D08D

 36D025

 A6D0A1

 23D010

 B9D0B6

 15D000

 CCD0CB

 DED0E0

 F1D0F5

 FFD0FF

Harmonies

Analogous

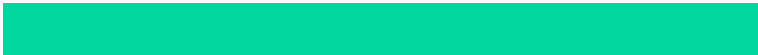
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8C339



6ED063



00D79F

Triad

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



6ED063



00C8FF



FF8398

Complementary

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



6ED063



C563D0

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.



FF85D6



6ED063



8EB4FF

Square

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



6ED063



00D4FF



ED9AFF



FF9660

Rectangle

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



6ED063



00D9CA



ED9AFF



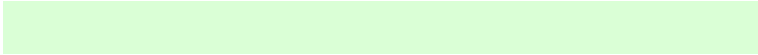
FF81AC

Sweetspot

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



6ED063



DAFFD6



D0C363



6A8067



000000



808080

Same Dimension

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



6ED063



6FFF5E



63D08D



5F695E



11A800



042900

Inverse Universe

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



C563D0



EF5EFF



D063A6



675E69



9700A8



250029

Previews

White Background



This preview shows how the Hex color 6ED063 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 6ED063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

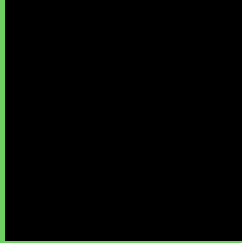
Any Text WCAG AA ✓ Pass

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 6ED063 Background



This preview shows how black text looks on a background with the Hex color 6ED063.

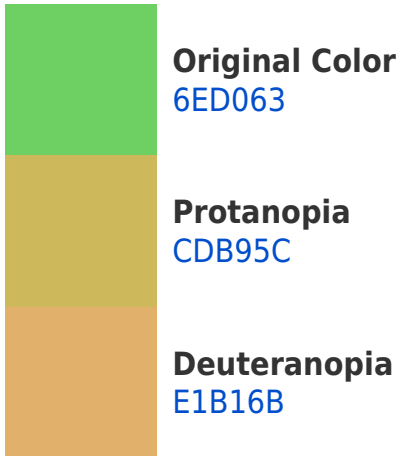


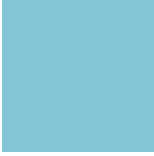
This preview shows how white text looks on a background with the Hex color 6ED063.

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
84C4D4

Trichromacy



Original Color
6ED063



Protanomaly
AAC15F



Deuteranomaly
B7BC68



Tritanomaly
7CC8AB

Monochromacy



Original Color
6ED063



Achromatopsia
A6A6A6



Achromatomaly
92B58E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED063 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 #6ED063 looks like.

```
.text, #text, p{  
    color:#6ED063  
}
```

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 #6ED063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED063
}
```

Border

The CSS property to change the border of an element to Hex 6ED063 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
#6ED063 }
```

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

```
.border{ border-color:#6ED063 }
```

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

Here you see how a box with a 4 pixel #6ED063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED063; -webkit-box-shadow:4px 4px  
4px 4px #6ED063; box-shadow:4px 4px 4px  
4px #6ED063 }
```

Background

The CSS property to change the background color of an element to Hex 6ED063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED063 }
```

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

```
.background{ background-color:#6ED063 }
```

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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