

Converting Colors

Hex(63E06D)

Have a look what the booklet for
Hex(63E06D) contains.

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Color

Hex(63E06D)

Conversions

Conversions Part 1

Format	Color
Hex	63E06D
RGB	99, 224, 109
RGB Percent	39%, 88%, 43%
CMY	0.6118, 0.1216, 0.5725
CMYK	0.56, 0.00, 0.51, 0.12
HSL	125°, 67%, 63%
HSV	125°, 56%, 88%
XYZ	34.5616, 57.0681, 23.6617
YIQ	173.5150, -37.5850, -62.2650

Conversions

Conversions Part 2

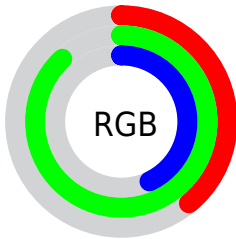
Format	Color
RYB	99, 215, 224
Decimal	6545517
CIELab	80.22, -57.85, 45.65
CIELCh	80, 73.695, 141.724
Yxy	57.0681, 0.2998, 0.4950
Android (android.graphics.Color)	4284735597 (0xFF63E06D)
YUV	173.5150, -31.8059, -65.3497
Hunter-Lab	75.5434, -50.5362, 34.3096

Details

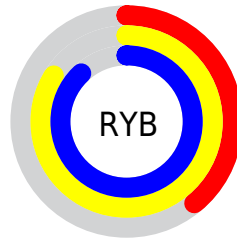
The Hex color **63E06D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **E063D6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9FFFA3**, and **19A839** is the 20% darker color. If you saturate the color by 10%, you get **4DE058**, and if you desaturate by 10%, it is **79E082**.

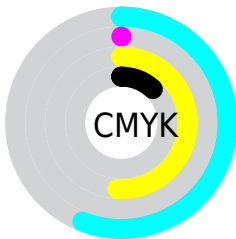
Distribution



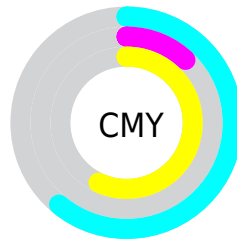
- Red (39%)
- Green (88%)
- Blue (43%)



- Red (39%)
- Yellow (84%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63E06D 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 63E06D by changing the saturation by 10% instead.

 63E06D

 63E06D

FFFFFF

 43C353

 9FFFA3

 19A839

 BDFFBE

 008C1E

 DBFFDB

 007200

 F9FFF8

 005800

 003F00

 002800

 000100

 000000

 63E06D

 63E06D

 4DE058

 79E082

 36E044

 90E096

 20E02F

 A6E0AB

 09E01B

 BDE0BF

 00E012

 D3E0D4

 E9E0E9

 FFE0FD

 FFE0FF

Harmonies

Analogous

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



BAD239



63E06D



00E7B1

Triad

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



63E06D



00D4FF



FF8A98

Complementary

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



63E06D



E063D6

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.



FF88DD



63E06D



A5BDFF

Square

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



63E06D



00E2FF



FF9FFF



FFA15C

Rectangle

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



63E06D



00E8E1



FF9FFF



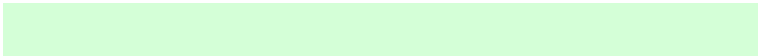
FF86AF

Sweetspot

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



63E06D



D4FFD7



D8E063



668068



000000



808080

Same Dimension

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



63E06D



54FF62



63E0AA



657066



00B00E



003004

Inverse Universe

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



E063D6



FF54F1



E06399



70656F



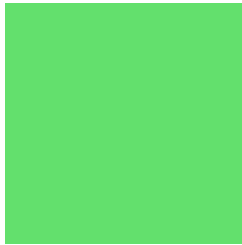
B000A2



30002D

Previews

White Background



This preview shows how the Hex color 63E06D 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 63E06D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

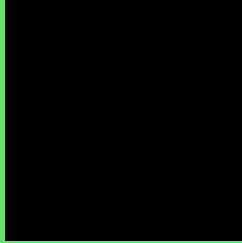
Any Text WCAG AA ✓ Pass

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 63E06D Background



This preview shows how black text looks on a background with the Hex color 63E06D.

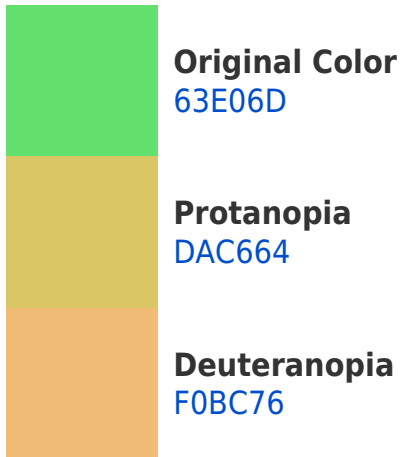


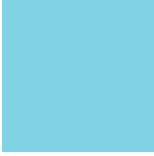
This preview shows how white text looks on a background with the Hex color 63E06D.

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



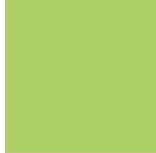


Tritanopia
7FD3E4

Trichromacy



Original Color
63E06D



Protanomaly
AFCF67



Deuteranomaly
BDC973

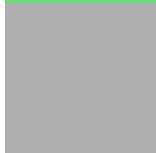


Tritanomaly
75D8B9

Monochromacy



Original Color
63E06D



Achromatopsia
AEAEAE



Achromatomaly
93C096

CSS Examples

Text

The CSS property to change the color of the text to Hex 63E06D 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 #63E06D looks like.

```
.text, #text, p{  
    color:#63E06D  
}
```

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 #63E06D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E06D
}
```

Border

The CSS property to change the border of an element to Hex 63E06D 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
#63E06D }
```

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

```
.border{ border-color:#63E06D }
```

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

Here you see how a box with a 4 pixel #63E06D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E06D; -webkit-box-shadow:4px 4px  
4px 4px #63E06D; box-shadow:4px 4px 4px  
4px #63E06D }
```

Background

The CSS property to change the background color of an element to Hex 63E06D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E06D }
```

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

```
.background{ background-color:#63E06D }
```

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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