

Converting Colors

Hex(62D06E)

Have a look what the booklet for
Hex(62D06E) contains.

Hex(62D06E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62D06E)

Conversions

Conversions Part 1

Format	Color
Hex	62D06E
RGB	98, 208, 110
RGB Percent	38%, 82%, 43%
CMY	0.6157, 0.1843, 0.5686
CMYK	0.53, 0.00, 0.47, 0.18
HSL	127°, 54%, 60%
HSV	127°, 53%, 82%
XYZ	30.4074, 48.8342, 22.5752
YIQ	163.9380, -34.1020, -53.7980

Conversions

Conversions Part 2

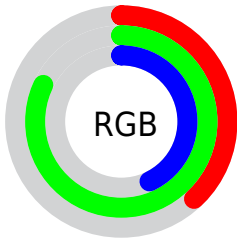
Format	Color
RYB	98, 197, 208
Decimal	6475886
CIELab	75.35, -51.78, 39.12
CIELCh	75, 64.895, 142.924
Yxy	48.8342, 0.2986, 0.4796
Android (android.graphics.Color)	4284665966 (0xFF62D06E)
YUV	163.9380, -26.5914, -57.8276
Hunter-Lab	69.8815, -44.6223, 29.7634

Details

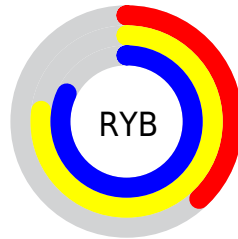
The Hex color **62D06E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D062C4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9CFFA3**, and **20993C** is the 20% darker color. If you saturate the color by 10%, you get **4DD05B**, and if you desaturate by 10%, it is **77D081**.

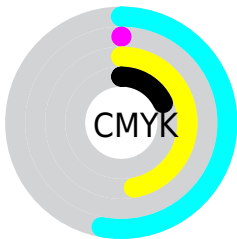
Distribution



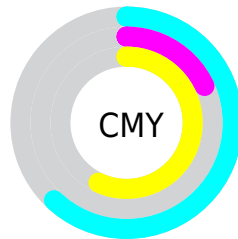
- Red (38%)
- Green (82%)
- Blue (43%)



- Red (38%)
- Yellow (77%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D06E 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 62D06E by changing the saturation by 10% instead.

 62D06E

 62D06E

FFFFFF

 44B455

 9CFFA3

 20993C

 B9FFBF

 007E23

 D6FFDB

 006406

 F4FFF8

 004B00

 003300

 001B00

 000000

 62D06E

 62D06E

 4DD05B

 77D081

 38D049

 8CD093

 24D036

 A0D0A6

 0FD024

 B5D0B8

 00D017

 CAD0CB

 DFD0DD

 F4D0F0

 FFD0FF

Harmonies

Analogous

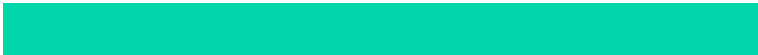
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADC443



62D06E



00D6A9

Triad

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



62D06E



00C4FF



FF878E

Complementary

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



62D06E



D062C4

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.



FF85CA



62D06E



A3B0FF

Square

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



62D06E



00D1FF



F597FF



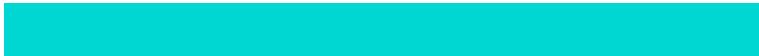
FF9A5B

Rectangle

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



62D06E



00D7D2



F597FF



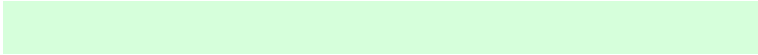
FF84A2

Sweetspot

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



62D06E



D6FFDB



C5D062



67806A



000000



808080

Same Dimension

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



62D06E



5EFF70



62D0A4



5E695F



00A812



002904

Inverse Universe

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



D062C4



FF5EED



D0628E



695E67



A80096



290024

Previews

White Background



This preview shows how the Hex color 62D06E looks on a white background.

Color Contrast Check

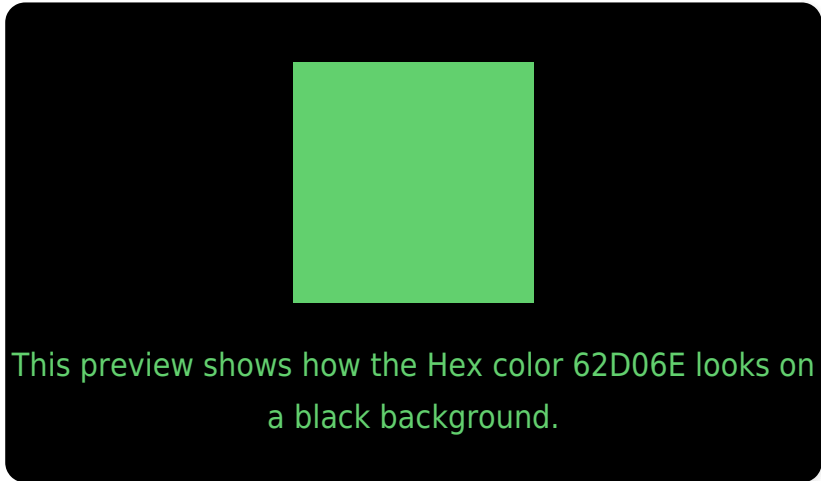
Large Text (above 18pt) WCAG AA × Fail

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 62D06E Background



This preview shows how black text looks on a background with the Hex color 62D06E.

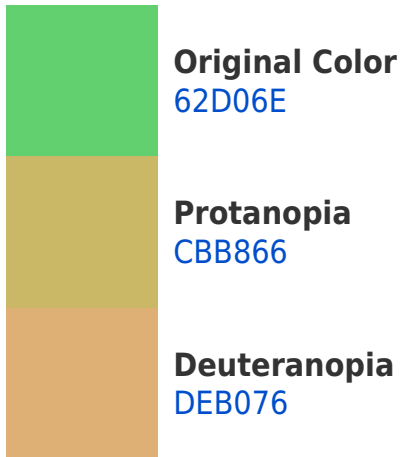


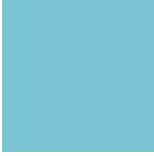
This preview shows how white text looks on a background with the Hex color 62D06E.

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
7AC4D4

Trichromacy



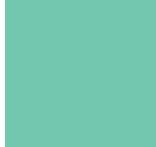
Original Color
62D06E



Protanomaly
A5C169



Deuteranomaly
B1BC73



Tritanomaly
71C8AF

Monochromacy



Original Color
62D06E



Achromatopsia
A4A4A4



Achromatomaly
8CB490

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D06E 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 #62D06E looks like.

```
.text, #text, p{  
    color:#62D06E  
}
```

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 #62D06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D06E
}
```

Border

The CSS property to change the border of an element to Hex 62D06E 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
#62D06E }
```

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

```
.border{ border-color:#62D06E }
```

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

Here you see how a box with a 4 pixel #62D06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D06E; -webkit-box-shadow:4px 4px  
4px 4px #62D06E; box-shadow:4px 4px 4px  
4px #62D06E }
```

Background

The CSS property to change the background color of an element to Hex 62D06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D06E }
```

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

```
.background{ background-color:#62D06E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor