

Converting Colors

Hex(60D07E)

Have a look what the booklet for
Hex(60D07E) contains.

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Color

Hex(60D07E)

Conversions

Conversions Part 1

Format	Color
Hex	60D07E
RGB	96, 208, 126
RGB Percent	38%, 82%, 49%
CMY	0.6235, 0.1843, 0.5059
CMYK	0.54, 0.00, 0.39, 0.18
HSL	136°, 54%, 60%
HSV	136°, 54%, 82%
XYZ	31.1456, 49.1049, 27.5753
YIQ	165.1640, -40.4300, -49.2460

Conversions

Conversions Part 2

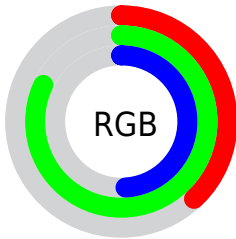
Format	Color
RYB	96, 184, 208
Decimal	6344830
CIELab	75.52, -49.76, 31.25
CIELCh	76, 58.756, 147.868
Yxy	49.1049, 0.2889, 0.4554
Android (android.graphics.Color)	4284534910 (0xFF60D07E)
YUV	165.1640, -19.3079, -60.6568
Hunter-Lab	70.0749, -43.2946, 25.7211

Details

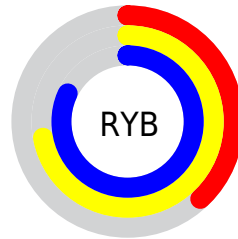
The Hex color **60D07E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D060B2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9AFFB3**, and **1D994C** is the 20% darker color. If you saturate the color by 10%, you get **4BD06F**, and if you desaturate by 10%, it is **75D08D**.

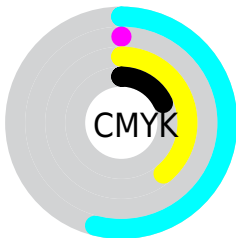
Distribution



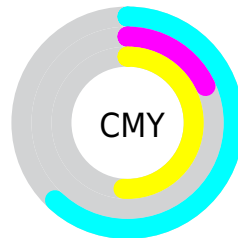
- Red (38%)
- Green (82%)
- Blue (49%)



- Red (38%)
- Yellow (72%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D07E 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 60D07E by changing the saturation by 10% instead.

 60D07E

 60D07E

FFFFFF

 42B464

 9AFFB3

 1D994C

 B7FFCF

 007E34

 D4FFEC

 00641C

 F2FFFF

 004B03

 003300

 001C00

 000000

 60D07E

 60D07E

 4BD06F

 75D08D

 36D060

 8AD09C

 22D050

 9ED0AC

 0DD041

 B3D0BB

 00D038

 C8D0CA

 DDD0D9

 F2D0E9

 FFD0F8

 FFD0FF

Harmonies

Analogous

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



A6C655



60D07E



00D5B4

Triad

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



60D07E



3BC1FF



FF908A

Complementary

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



60D07E



D060B2

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.



FF8BC0



60D07E



B6ADFF

Square

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



60D07E



00CEFF



F998F4



FFA25F

Rectangle

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



60D07E



00D5DA



F998F4



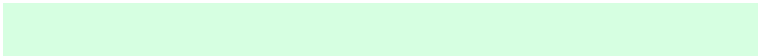
FF8C9C

Sweetspot

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



60D07E



D6FFE1



B2D060



67806E



000000



808080

Same Dimension

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



60D07E



59FF86



60D0B6



5E6961



00A82D



00290B

Inverse Universe

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



D060B2



FF59D3



D0607A



695E66



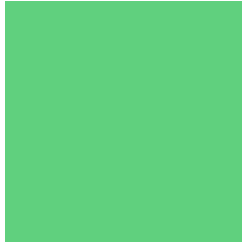
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 60D07E looks on a white background.

Color Contrast Check

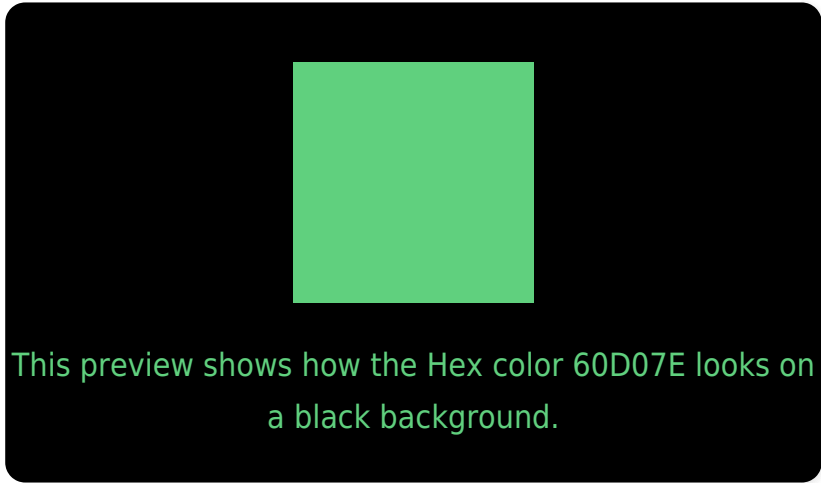
Large Text (above 18pt) WCAG AA × Fail

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

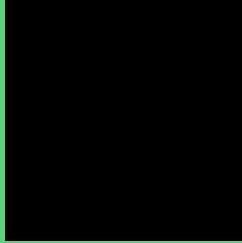
Any Text WCAG AA ✓ Pass

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 60D07E Background



This preview shows how black text looks on a background with the Hex color 60D07E.

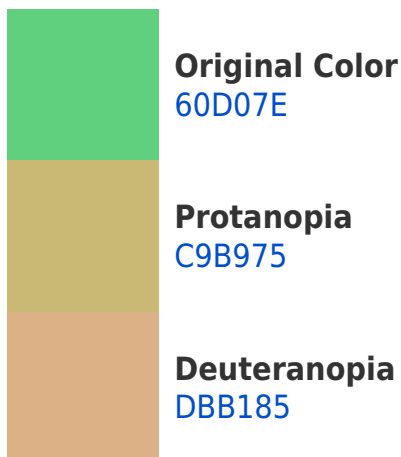


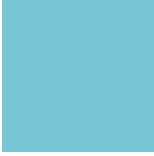
This preview shows how white text looks on a background with the Hex color 60D07E.

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
76C6D6

Trichromacy



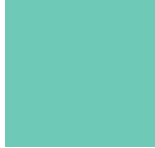
Original Color
60D07E



Protanomaly
A3C178



Deuteranomaly
AEBC82



Tritanomaly
6ECAB6

Monochromacy



Original Color
60D07E



Achromatopsia
A5A5A5



Achromatomaly
8CB597

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D07E 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 #60D07E looks like.

```
.text, #text, p{  
    color:#60D07E  
}
```

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 #60D07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D07E
}
```

Border

The CSS property to change the border of an element to Hex 60D07E 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
#60D07E }
```

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

```
.border{ border-color:#60D07E }
```

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

Here you see how a box with a 4 pixel #60D07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D07E; -webkit-box-shadow:4px 4px  
4px 4px #60D07E; box-shadow:4px 4px 4px  
4px #60D07E }
```

Background

The CSS property to change the background color of an element to Hex 60D07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D07E }
```

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

```
.background{ background-color:#60D07E }
```

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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