

Converting Colors

Hex(61DD88)

Have a look what the booklet for
Hex(61DD88) contains.

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Color

Hex(61DD88)

Conversions

Conversions Part 1

Format	Color
Hex	61DD88
RGB	97, 221, 136
RGB Percent	38%, 87%, 53%
CMY	0.6196, 0.1333, 0.4667
CMYK	0.56, 0.00, 0.38, 0.13
HSL	139°, 65%, 62%
HSV	139°, 56%, 87%
XYZ	35.2302, 56.0319, 32.2510
YIQ	174.2340, -46.6190, -52.7230

Conversions

Conversions Part 2

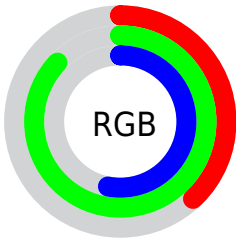
Format	Color
RYB	97, 191, 221
Decimal	6413704
CIELab	79.63, -53.04, 31.56
CIELCh	80, 61.722, 149.243
Yxy	56.0319, 0.2852, 0.4537
Android (android.graphics.Color)	4284603784 (0xFF61DD88)
YUV	174.2340, -18.8494, -67.7342
Hunter-Lab	74.8544, -46.9844, 26.8531

Details

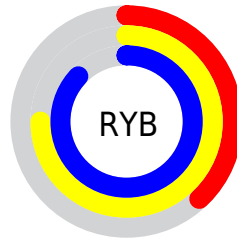
The Hex color **61DD88** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DD61B6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9CFFBE**, and **19A555** is the 20% darker color. If you saturate the color by 10%, you get **4BDD79**, and if you desaturate by 10%, it is **77DD97**.

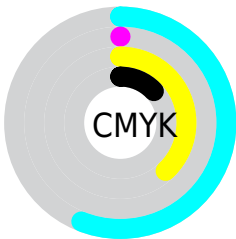
Distribution



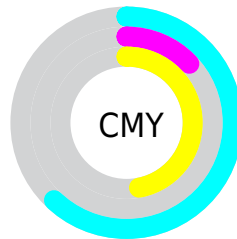
- Red (38%)
- Green (87%)
- Blue (53%)



- Red (38%)
- Yellow (75%)
- Blue (87%)



- Cyan (56%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (62%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61DD88 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 61DD88 by changing the saturation by 10% instead.

 61DD88

 61DD88

FFFFFF

 41C16E

 9CFFBE

 19A555

 BAFFDA

 008A3D

 D7FFF7

 006F25

 F5FFFF

 00560D

 003D00

 002700

 000000

 61DD88

 61DD88

 4BDD79

 77DD97

 35DD6A

 8DDDA6

 1FDD5B

 A3DDB5

 09DD4B

 B9DDC5

 00DD46

 D0DDD4

 E6DDE3

 FCDDF2

 FFDDFF

Harmonies

Analogous

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



ADD25C



61DD88



00E2C2

Triad

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



61DD88



48CCFF



FF9990

Complementary

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



61DD88



DD61B6

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.



FF93C9



61DD88



C5B7FF

Square

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



61DD88



00DAFF



FFA0FF



FFAC63

Rectangle

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



61DD88



00E2E9



FFA0FF



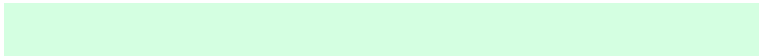
FF95A3

Sweetspot

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



61DD88



D4FFE1



B8DD61



66806E



000000



808080

Same Dimension

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



61DD88



54FF8A



61DDC4



636E66



00AD37



002E0E

Inverse Universe

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



DD61B6



FF54C9



DD617A



6E636A



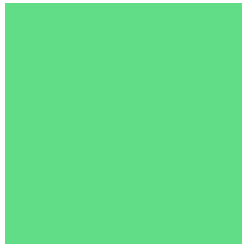
AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 61DD88 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 61DD88 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 61DD88 Background



This preview shows how black text looks on a background with the Hex color 61DD88.

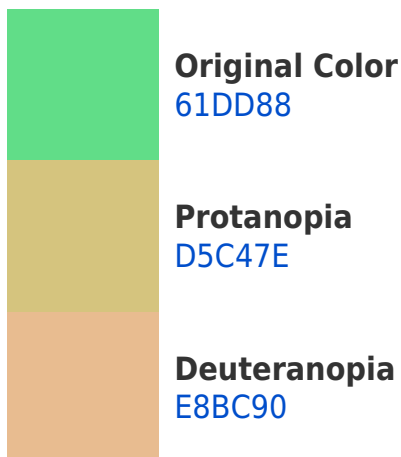


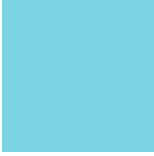
This preview shows how white text looks on a background with the Hex color 61DD88.

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
7AD2E3

Trichromacy



Original Color
61DD88



Protanomaly
ABCD82



Deuteranomaly
B7C88D



Tritanomaly
71D6C2

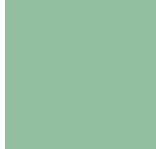
Monochromacy



Original Color
61DD88



Achromatopsia
AEAEAE



Achromatomaly
92BFA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 61DD88 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 #61DD88 looks like.

```
.text, #text, p{  
    color:#61DD88  
}
```

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 #61DD88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DD88  
}
```

Border

The CSS property to change the border of an element to Hex 61DD88 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  
#61DD88 }
```

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

```
.border{ border-color:#61DD88 }
```

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

Here you see how a box with a 4 pixel #61DD88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DD88; -webkit-box-shadow:4px 4px  
4px 4px #61DD88; box-shadow:4px 4px 4px  
4px #61DD88 }
```

Background

The CSS property to change the background color of an element to Hex 61DD88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DD88 }
```

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

```
.background{ background-color:#61DD88 }
```

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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