

Converting Colors

Hex(63D998)

Have a look what the booklet for
Hex(63D998) contains.

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Color

Hex(63D998)

Conversions

Conversions Part 1

Format	Color
Hex	63D998
RGB	99, 217, 152
RGB Percent	39%, 85%, 60%
CMY	0.6118, 0.1490, 0.4039
CMYK	0.54, 0.00, 0.30, 0.15
HSL	147°, 61%, 62%
HSV	147°, 54%, 85%
XYZ	35.6259, 54.5454, 38.3564
YIQ	174.3080, -49.4630, -45.2310

Conversions

Conversions Part 2

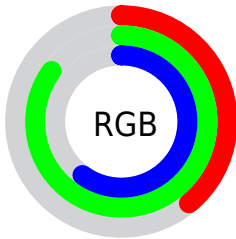
Format	Color
RYB	99, 180, 217
Decimal	6543768
CIELab	78.78, -48.02, 22.16
CIELCh	79, 52.889, 155.228
Yxy	54.5454, 0.2772, 0.4244
Android (android.graphics.Color)	4284733848 (0xFF63D998)
YUV	174.3080, -10.9978, -66.0451
Hunter-Lab	73.8548, -43.1415, 20.9062

Details

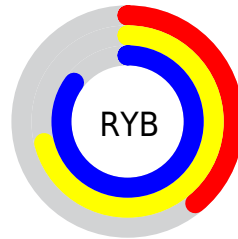
The Hex color **63D998** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D963A4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9DFFCF**, and **20A165** is the 20% darker color. If you saturate the color by 10%, you get **4DD98C**, and if you desaturate by 10%, it is **79D9A4**.

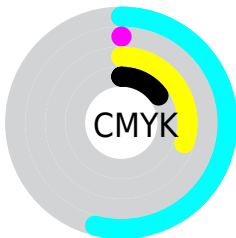
Distribution



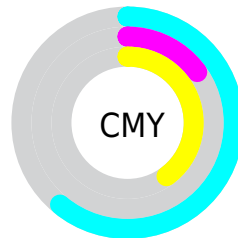
- Red (39%)
- Green (85%)
- Blue (60%)



- Red (39%)
- Yellow (71%)
- Blue (85%)



- Cyan (54%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (61%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D998 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 63D998 by changing the saturation by 10% instead.

 63D998

 63D998

FFFFFF

 44BD7E

 9DFFCF

 20A165

 BBFFEB

 00864C

 D8FFFF

 006C35

 F6FFFF

 00531F

 003B08

 002500

 000000

 63D998

 63D998

 4DD98C

 79D9A4

 38D980

 8ED9B0

 22D974

 A4D9BC

 0CD968

 BAD9C8

 00D961

 D0D9D4

 E5D9E0

 FBD9EC

 FFD9F8

 FFD9FF

Harmonies

Analogous

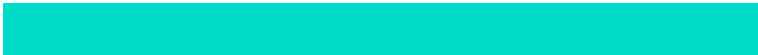
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5D170



63D998



00DCCA

Triad

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



63D998



80C5FF



FFA18D

Complementary

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



63D998



D963A4

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.



FF9ABC



63D998



D3B3FF

Square

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



63D998



00D3FF



FFA1ED



FFB26A

Rectangle

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



63D998



00DCEB



FFA1ED



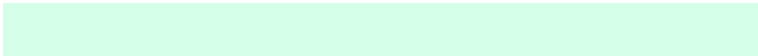
FF9D9C

Sweetspot

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



63D998



D6FFE9



A6D963



678072



000000



808080

Same Dimension

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



63D998



59FFA4



63D9D1



636E68



00AD4E



002E15

Inverse Universe

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



D963A4



FF59B5



D9636B



6E6369



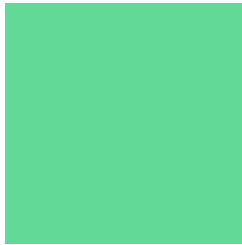
AD0060



2E0019

Previews

White Background



This preview shows how the Hex color 63D998 looks on a white background.

Color Contrast Check

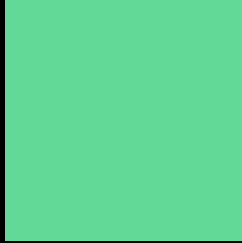
Large Text (above 18pt) WCAG AA × Fail

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 63D998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

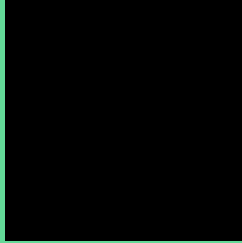
Any Text WCAG AA ✓ Pass

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 63D998 Background



This preview shows how black text looks on a background with the Hex color 63D998.

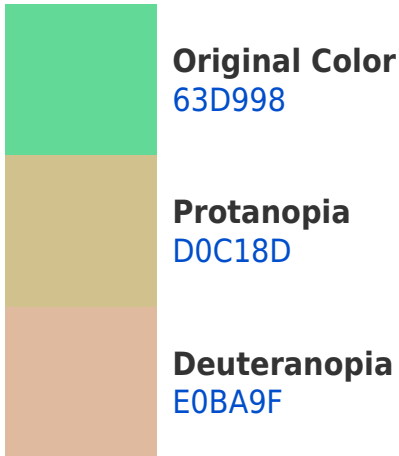


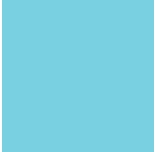
This preview shows how white text looks on a background with the Hex color 63D998.

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
78D0E1

Trichromacy



Original Color
63D998



Protanomaly
A8CA91



Deuteranomaly
B3C59C

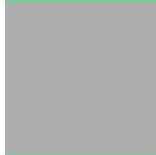


Tritanomaly
70D3C6

Monochromacy



Original Color
63D998



Achromatopsia
AEAEAE



Achromatomaly
93BEA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D998 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 #63D998 looks like.

```
.text, #text, p{  
    color:#63D998  
}
```

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 #63D998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D998
}
```

Border

The CSS property to change the border of an element to Hex 63D998 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
#63D998 }
```

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

```
.border{ border-color:#63D998 }
```

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

Here you see how a box with a 4 pixel #63D998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D998; -webkit-box-shadow:4px 4px  
4px 4px #63D998; box-shadow:4px 4px 4px  
4px #63D998 }
```

Background

The CSS property to change the background color of an element to Hex 63D998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D998 }
```

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

```
.background{ background-color:#63D998 }
```

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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