

Converting Colors

Hex(63D58A)

Have a look what the booklet for
Hex(63D58A) contains.

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Color

Hex(63D58A)

Conversions

Conversions Part 1

Format	Color
Hex	63D58A
RGB	99, 213, 138
RGB Percent	39%, 84%, 54%
CMY	0.6118, 0.1647, 0.4588
CMYK	0.54, 0.00, 0.35, 0.16
HSL	141°, 58%, 61%
HSV	141°, 54%, 84%
XYZ	33.5273, 52.0761, 32.3294
YIQ	170.3640, -43.8690, -47.4930

Conversions

Conversions Part 2

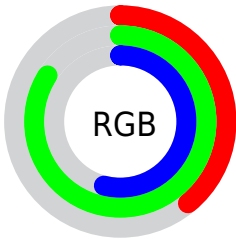
Format	Color
RYB	99, 184, 213
Decimal	6542730
CIELab	77.33, -48.99, 27.48
CIELCh	77, 56.167, 150.707
Yxy	52.0761, 0.2843, 0.4416
Android (android.graphics.Color)	4284732810 (0xFF63D58A)
YUV	170.3640, -15.9555, -62.5862
Hunter-Lab	72.1638, -43.3556, 23.9527

Details

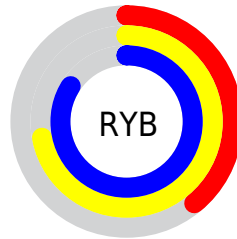
The Hex color **63D58A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D563AE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9DFFC0**, and **219D57** is the 20% darker color. If you saturate the color by 10%, you get **4ED57C**, and if you desaturate by 10%, it is **78D598**.

Distribution



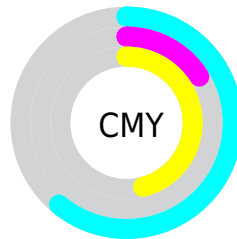
- Red (39%)
- Green (84%)
- Blue (54%)



- Red (39%)
- Yellow (72%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (61%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D58A 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 63D58A by changing the saturation by 10% instead.



63D58A



63D58A

FFFFFF



45B970



9DFFC0



219D57



BAFFDC



00833F



D8FFF9



006928



F5FFFF



004F11



003700



002100



000000



63D58A



63D58A

 4ED57C

 78D598

 38D56E

 8ED5A6

 23D560

 A3D5B4

 0ED552

 B8D5C2

 00D549

 CED5D0

 E3D5DE

 F8D5EC

 FFD5FA

 FFD5FF

Harmonies

Analogous

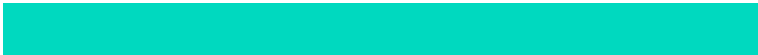
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7CC62



63D58A



00D9BF

Triad

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



63D58A



60C4FF



FF988D

Complementary

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



63D58A



D563AE

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.



FF93C0



63D58A



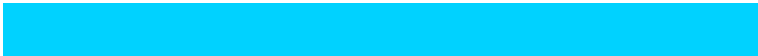
C4B1FF

Square

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



63D58A



00D2FF



FF9DF3



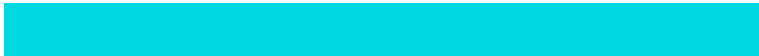
FFAA65

Rectangle

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



63D58A



00D9E2



FF9DF3



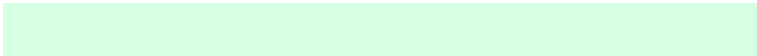
FF959D

Sweetspot

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



63D58A



D6FFE4



AFD563



678070



000000



808080

Same Dimension

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



63D58A



5CFF94



63D5C2



606B64



00AB3A



002B0F

Inverse Universe

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



D563AE



FF5CC7



D56376



6B6067



AB0070



2B001D

Previews

White Background



This preview shows how the Hex color 63D58A 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 63D58A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

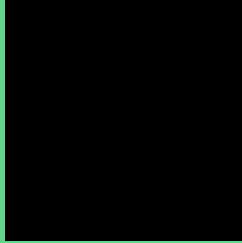
Any Text WCAG AA ✓ Pass

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 63D58A Background



This preview shows how black text looks on a background with the Hex color 63D58A.

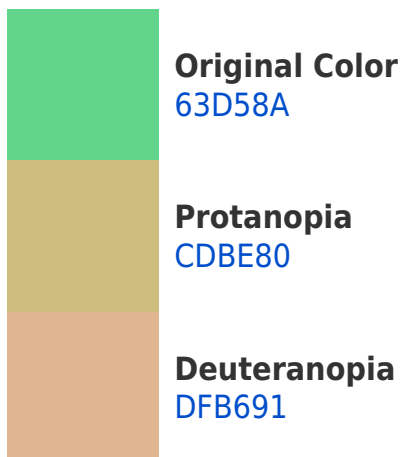


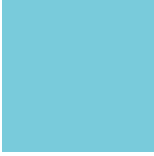
This preview shows how white text looks on a background with the Hex color 63D58A.

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
79CBDB

Trichromacy



Original Color
63D58A



Protanomaly
A6C684



Deuteranomaly
B2C18E



Tritanomaly
71CFBE

Monochromacy



Original Color
63D58A



Achromatopsia
AAAAAA



Achromatomaly
90BA9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D58A 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 #63D58A looks like.

```
.text, #text, p{  
    color:#63D58A  
}
```

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 #63D58A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D58A
}
```

Border

The CSS property to change the border of an element to Hex 63D58A 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
#63D58A }
```

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

```
.border{ border-color:#63D58A }
```

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

Here you see how a box with a 4 pixel #63D58A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D58A; -webkit-box-shadow:4px 4px  
4px 4px #63D58A; box-shadow:4px 4px 4px  
4px #63D58A }
```

Background

The CSS property to change the background color of an element to Hex 63D58A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D58A }
```

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

```
.background{ background-color:#63D58A }
```

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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