

# Converting Colors

Hex(62C38D)

Have a look what the booklet for  
Hex(62C38D) contains.

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# **Color**

**Hex(62C38D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C38D
RGB	98, 195, 141
RGB Percent	38%, 76%, 55%
CMY	0.6157, 0.2353, 0.4471
CMYK	0.50, 0.00, 0.28, 0.24
HSL	147°, 45%, 57%
HSV	147°, 50%, 76%
XYZ	29.3598, 43.5500, 32.0579
YIQ	159.8410, -40.4780, -37.3580

# Conversions

## Conversions Part 2

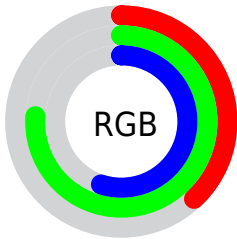
Format	Color
<a href="#">RYB</a>	<a href="#">98, 165, 195</a>
Decimal	<a href="#">6472589</a>
CIELab	<a href="#">71.93, -41.00, 18.55</a>
CIELCh	<a href="#">72, 45.000, 155.662</a>
Yxy	<a href="#">43.5500, 0.2797, 0.4149</a>
Android (android.graphics.Color)	<a href="#">4284662669 (0xFF62C38D)</a>
YUV	<a href="#">159.8410, -9.2886, -54.2346</a>
Hunter-Lab	<a href="#">65.9924, -36.0726, 17.3927</a>

# Details

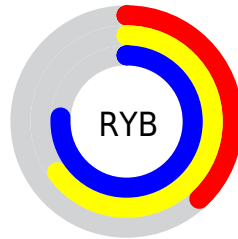
The Hex color **62C38D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C36298**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9AFCC3**, and **268D5B** is the 20% darker color. If you saturate the color by 10%, you get **4FC382**, and if you desaturate by 10%, it is **76C398**.

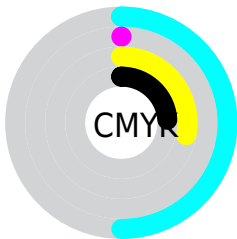
# Distribution



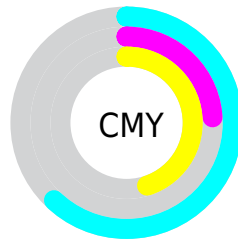
- Red (38%)
- Green (76%)
- Blue (55%)



- Red (38%)
- Yellow (65%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C38D 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 62C38D by changing the saturation by 10% instead.



 62C38D

 62C38D

FFFFFF

 46A773

 9AFCC3

 268D5B

 B7FFDF

 007243

 D4FFFB

 00592C

 F1FFFF

 004117

 002B00

 000D00

 000000

 62C38D

 62C38D

 4FC382

 76C398

 3BC377


 89C3A3

 28C36C

 9DC3AE

 14C362

 B0C3B8

 01C357

 C3C3C3

 00C356

 D7C3CE

 EBC3D9

 FEC3E4

 FFC3EF

# Harmonies

## Analogous

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



97BC6C



62C38D



00C6B7

# Triad

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



62C38D



7DB2FF



FB9582

# Complementary

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



62C38D



C36298

# 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.



FE8FAA



62C38D



BFA3F3

# Square

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



62C38D



00BEFA



EA95D3



E5A266

# Rectangle

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



62C38D



00C5D3



EA95D3



FE928F

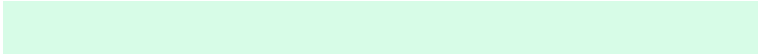


# Sweetspot

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



62C38D



D7FCE7



99C362



698073



000000



808080



# Same Dimension

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



62C38D



65FCA8



62C3BD



57615C



00A147



00210F



# Inverse Universe

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



C36298



FC65B9



C36268



61575D



A10059



210012



# Previews

## White Background



This preview shows how the Hex color 62C38D looks on a white background.

## Color Contrast Check

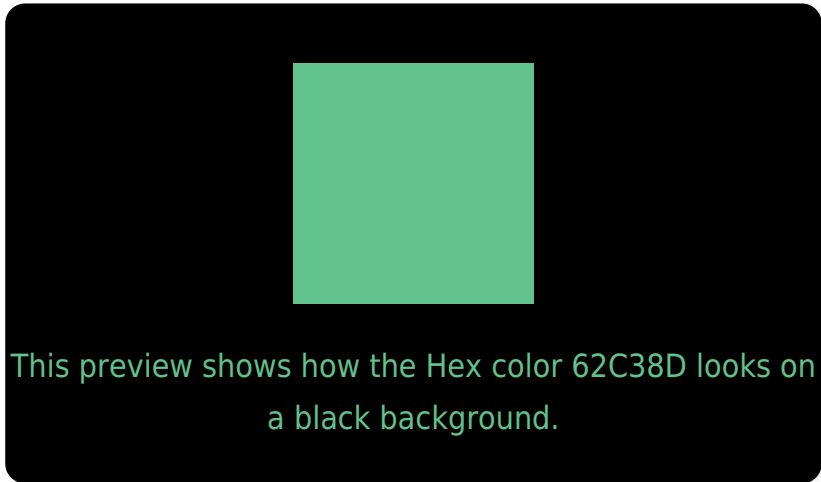
Large Text (above 18pt) WCAG AA × Fail

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

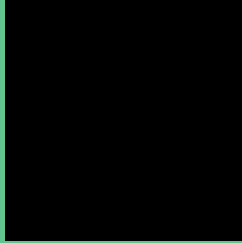
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62C38D Background



This preview shows how black text looks on a background with the Hex color 62C38D.

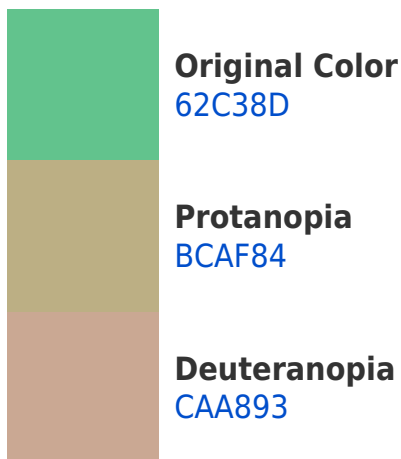


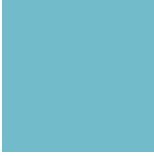
This preview shows how white text looks on a background with the Hex color 62C38D.

# 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**  
72BBCA

# Trichromacy



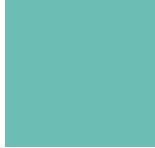
**Original Color**  
62C38D



**Protanomaly**  
9BB687



**Deuteranomaly**  
A4B291



**Tritanomaly**  
6CBEB4

# Monochromacy



**Original Color**  
62C38D



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
89AD99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C38D 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 #62C38D looks like.

```
.text, #text, p{  
    color:#62C38D  
}
```

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 #62C38D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C38D
}
```

## Border

The CSS property to change the border of an element to Hex 62C38D 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
#62C38D }
```

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

```
.border{ border-color:#62C38D }
```

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

Here you see how a box with a 4 pixel #62C38D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C38D; -webkit-box-shadow:4px 4px  
4px 4px #62C38D; box-shadow:4px 4px 4px  
4px #62C38D }
```

# Background

The CSS property to change the background color of an element to Hex 62C38D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C38D }
```

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

```
.background{ background-color:#62C38D }
```

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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