

Converting Colors

Hex(62C678)

Have a look what the booklet for
Hex(62C678) contains.

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Color

Hex(62C678)

Conversions

Conversions Part 1

Format	Color
Hex	62C678
RGB	98, 198, 120
RGB Percent	38%, 78%, 47%
CMY	0.6157, 0.2235, 0.5294
CMYK	0.51, 0.00, 0.39, 0.22
HSL	133°, 47%, 58%
HSV	133°, 51%, 78%
XYZ	28.6213, 44.3409, 24.8195
YIQ	159.2080, -34.5620, -45.4580

Conversions

Conversions Part 2

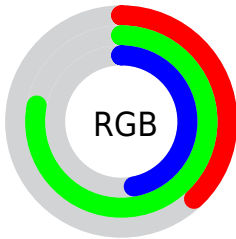
Format	Color
RYB	98, 180, 198
Decimal	6473336
CIELab	72.46, -46.14, 30.34
CIELCh	72, 55.220, 146.675
Yxy	44.3409, 0.2927, 0.4535
Android (android.graphics.Color)	4284663416 (0xFF62C678)
YUV	159.2080, -19.3295, -53.6794
Hunter-Lab	66.5890, -39.8079, 24.5133

Details

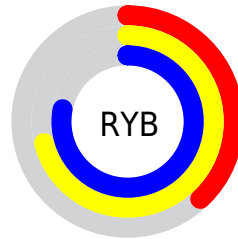
The Hex color **62C678** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C662B0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9BFFAD**, and **258F46** is the 20% darker color. If you saturate the color by 10%, you get **4EC669**, and if you desaturate by 10%, it is **76C687**.

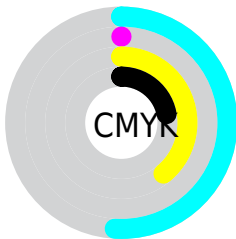
Distribution



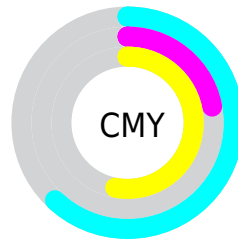
- Red (38%)
- Green (78%)
- Blue (47%)



- Red (38%)
- Yellow (71%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62C678 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 62C678 by changing the saturation by 10% instead.

 62C678

 62C678

FFFFFF

 45AA5F

 9BFFAD

 258F46

 B7FFC9

 00752F

 D4FFE5

 005C17

 F2FFFF

 004300

 002D00

 001000

 000000

 62C678

 62C678

 4EC669

 76C687

 3AC659

 8AC697

 27C64A

 9DC6A6

 13C63A

 B1C6B6

 00C62C

 C5C6C5

 D9C6D5

 EDC6E4

 FFC6F4

 FFC6FF

Harmonies

Analogous

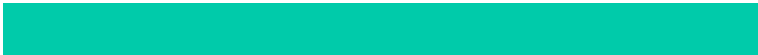
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2BC53



62C678



00CBAA

Triad

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



62C678



3AB9FF



FF8A87

Complementary

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



62C678



C662B0

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.



FF87B9



62C678



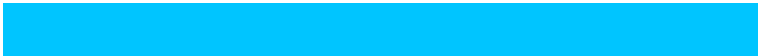
ACA7FF

Square

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



62C678



00C5FF



EB93EA



FA9A5E

Rectangle

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



62C678



00CBCD



EB93EA



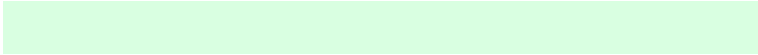
FF8797

Sweetspot

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



62C678



D9FFE1



B0C662



69806E



000000



808080

Same Dimension

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



62C678



63FF86



62C6AA



5A635C



00A324



002408

Inverse Universe

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



C662B0



FF63DD



C6627E



635A61



A3007F



24001C

Previews

White Background



This preview shows how the Hex color 62C678 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 62C678 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 62C678 Background



This preview shows how black text looks on a background with the Hex color 62C678.

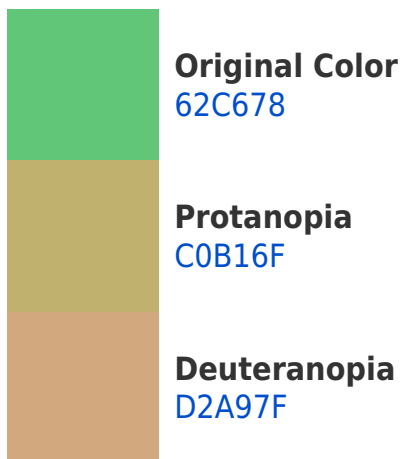


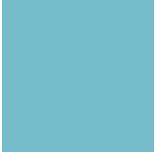
This preview shows how white text looks on a background with the Hex color 62C678.

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
76BCCB

Trichromacy



Original Color
62C678



Protanomaly
9EB972



Deuteranomaly
A9B47C



Tritanomaly
6FC0AD

Monochromacy



Original Color
62C678



Achromatopsia
9F9F9F



Achromatomaly
89AD91

CSS Examples

Text

The CSS property to change the color of the text to Hex 62C678 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 #62C678 looks like.

```
.text, #text, p{  
    color:#62C678  
}
```

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 #62C678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C678
}
```

Border

The CSS property to change the border of an element to Hex 62C678 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
#62C678 }
```

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

```
.border{ border-color:#62C678 }
```

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

Here you see how a box with a 4 pixel #62C678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C678; -webkit-box-shadow:4px 4px  
4px 4px #62C678; box-shadow:4px 4px 4px  
4px #62C678 }
```

Background

The CSS property to change the background color of an element to Hex 62C678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C678 }
```

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

```
.background{ background-color:#62C678 }
```

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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