

# Converting Colors

Hex(62C138)

Have a look what the booklet for  
Hex(62C138) contains.

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**Color**

**Hex(62C138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C138
RGB	98, 193, 56
RGB Percent	38%, 76%, 22%
CMY	0.6157, 0.2431, 0.7804
CMYK	0.49, 0.00, 0.71, 0.24
HSL	102°, 55%, 49%
HSV	102°, 71%, 76%
XYZ	24.8208, 41.0221, 10.3513
YIQ	148.9770, -12.6430, -62.7470

# Conversions

## Conversions Part 2

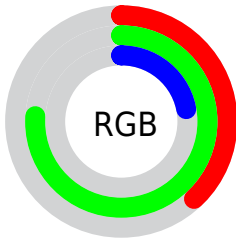
Format	Color
<a href="#">RYB</a>	<a href="#">56, 193, 151</a>
Decimal	<a href="#">6471992</a>
CIELab	<a href="#">70.19, -51.92, 57.33</a>
CIELCh	<a href="#">70, 77.345, 132.169</a>
Yxy	<a href="#">41.0221, 0.3258, 0.5384</a>
Android (android.graphics.Color)	<a href="#">4284662072 (0xFF62C138)</a>
YUV	<a href="#">148.9770, -45.8377, -44.7068</a>
Hunter-Lab	<a href="#">64.0485, -42.9106, 35.2518</a>

# Details

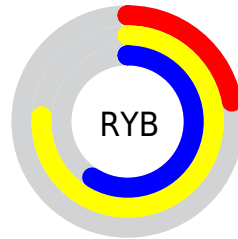
The Hex color **62C138** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9738C1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CFA6F**, and **218A00** is the 20% darker color. If you saturate the color by 10%, you get **55C125**, and if you desaturate by 10%, it is **6FC14B**.

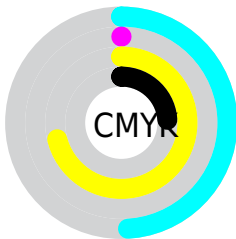
# Distribution



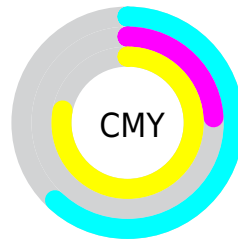
- Red (38%)
- Green (76%)
- Blue (22%)



- Red (22%)
- Yellow (76%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (71%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C138 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 62C138 by changing the saturation by 10% instead.



 62C138

 62C138

FFFFFF

 44A519

 9CFA6F

 218A00

 B9FF8A

 007000

 D7FFA6

 005700

 F4FFC2

 003E00

 FFFFDF

 002800

 FFFFFC

 000100

 000000

 62C138

 62C138

■ 55C125

■ 6FC14B

■ 47C111

■ 7DC15F

■ 3BC100

■ 8AC172

■ 98C185

■ A5C199

■ B2C1AC

■ C0C1BF

■ CDC1D2

■ DAC1E6

# Harmonies

## Analogous

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



B2B100



62C138



00C97E

# Triad

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



62C138



00BFFF



FF6392

# Complementary

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



62C138



9738C1

# 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.



FF6CD8



62C138



3AAAFF

# Square

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



62C138



00C9FF



D28BFF



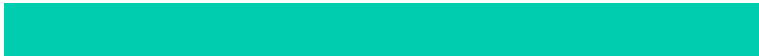
FF7A50

# Rectangle

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



62C138



00CCAF



D28BFF



FF62AA

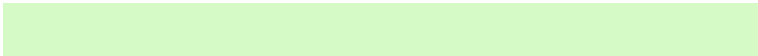


# Sweetspot

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



62C138



D6FAC5



C19638



677D5E



FCFCFC



7D7D7D



# Same Dimension

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



62C138



67FA25



38C151



5A6157



31A100



0A2100



# Inverse Universe

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



9738C1



B925FA



C138A8



5E5761



6F00A1



170021



# Previews

## White Background



This preview shows how the Hex color 62C138 looks on a white background.

## Color Contrast Check

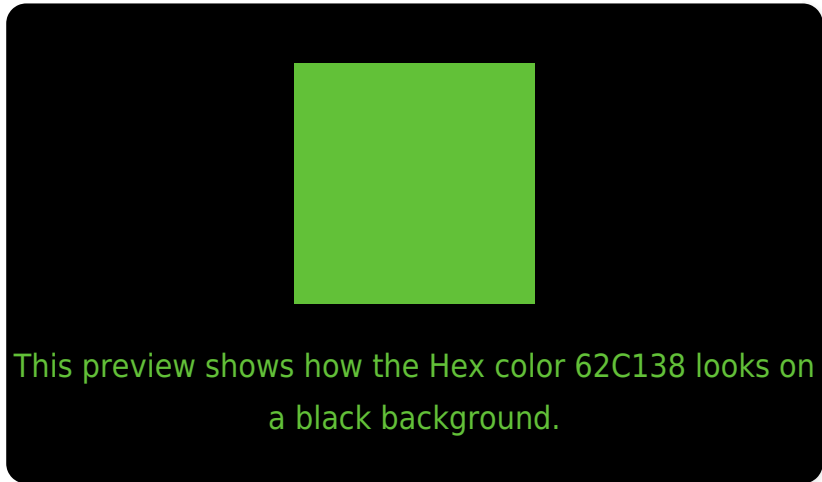
Large Text (above 18pt) WCAG AA × Fail

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 62C138 Background



This preview shows how black text looks on a background with the Hex color 62C138.

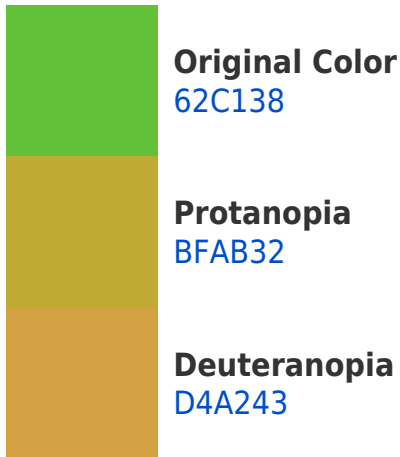


This preview shows how white text looks on a background with the Hex color 62C138.

# 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**  
7AB4C3

# Trichromacy



**Original Color**  
62C138



**Protanomaly**  
9DB334



**Deuteranomaly**  
ABAD3F



**Tritanomaly**  
71B990

# Monochromacy



**Original Color**  
62C138



**Achromatopsia**  
959595



**Achromatomaly**  
82A573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C138 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 #62C138 looks like.

```
.text, #text, p{  
    color:#62C138  
}
```

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 #62C138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C138
}
```

## Border

The CSS property to change the border of an element to Hex 62C138 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
#62C138 }
```

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

```
.border{ border-color:#62C138 }
```

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

Here you see how a box with a 4 pixel #62C138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C138; -webkit-box-shadow:4px 4px  
4px 4px #62C138; box-shadow:4px 4px 4px  
4px #62C138 }
```

# Background

The CSS property to change the background color of an element to Hex 62C138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C138 }
```

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

```
.background{ background-color:#62C138 }
```

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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