

# Converting Colors

Hex(62D77C)

Have a look what the booklet for  
Hex(62D77C) contains.

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# **Color**

**Hex(62D77C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62D77C
RGB	98, 215, 124
RGB Percent	38%, 84%, 49%
CMY	0.6157, 0.1569, 0.5137
CMYK	0.54, 0.00, 0.42, 0.16
HSL	133°, 59%, 61%
HSV	133°, 54%, 84%
XYZ	32.9755, 52.6528, 27.4938
YIQ	169.6430, -40.5210, -53.1050

# Conversions

## Conversions Part 2

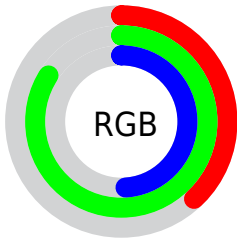
Format	Color
<a href="#">RYB</a>	<a href="#">98, 194, 215</a>
Decimal	<a href="#">6477692</a>
CIELab	<a href="#">77.67, -52.41, 35.09</a>
CIELCh	<a href="#">78, 63.074, 146.200</a>
Yxy	<a href="#">52.6528, 0.2915, 0.4655</a>
Android (android.graphics.Color)	<a href="#">4284667772</a> ( <a href="#">0xFF62D77C</a> )
YUV	<a href="#">169.6430, -22.5020, -62.8309</a>
Hunter-Lab	<a href="#">72.5622, -45.8655, 28.3286</a>

# Details

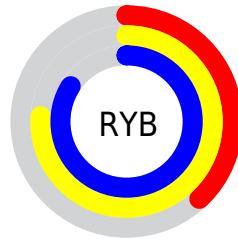
The Hex color **62D77C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D762BD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9DFFB2**, and **1E9F49** is the 20% darker color. If you saturate the color by 10%, you get **4DD76B**, and if you desaturate by 10%, it is **78D78D**.

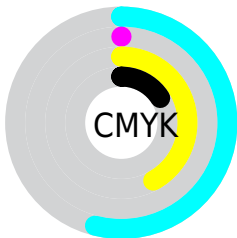
# Distribution



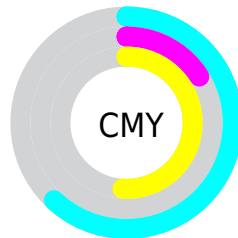
- Red (38%)
- Green (84%)
- Blue (49%)



- Red (38%)
- Yellow (76%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62D77C 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 62D77C by changing the saturation by 10% instead.



 62D77C

 62D77C

FFFFFF

 43BB62

 9DFFB2

 1E9F49

 BAFFCD

 008431

 D7FFEA

 006A19

 F5FFFF

 005100

 003900

 002200

 000000

 62D77C

 62D77C

 4DD76B

 78D78D

 37D75B

 8DD79D

 22D74A

 A3D7AE

 0CD739

 B8D7BF

 00D730

 CED7D0

 E3D7E0

 F9D7F1

 FFD7FF

# Harmonies

## Analogous

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



AECC50



62D77C



00DCB6

# Triad

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



62D77C



00C9FF



FF9190

# Complementary

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



62D77C



D762BD

# 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.



FF8DCA



62D77C



B6B4FF

# Square

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



62D77C



00D6FF



FF9CFF



FFA45F

# Rectangle

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



62D77C



00DDDF



FF9CFF



FF8DA2

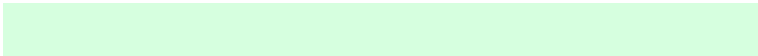


# Sweetspot

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



62D77C



D6FFDF



BED762



67806D



000000



808080



# Same Dimension

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



62D77C



59FF7E



62D7B6



606B63



00AB26



002B0A



# Inverse Universe

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



D762BD



FF59DA



D76283



6B6069



AB0085



2B0022



# Previews

## White Background



This preview shows how the Hex color 62D77C 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 62D77C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

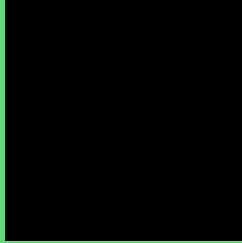
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62D77C Background



This preview shows how black text looks on a background with the Hex color 62D77C.

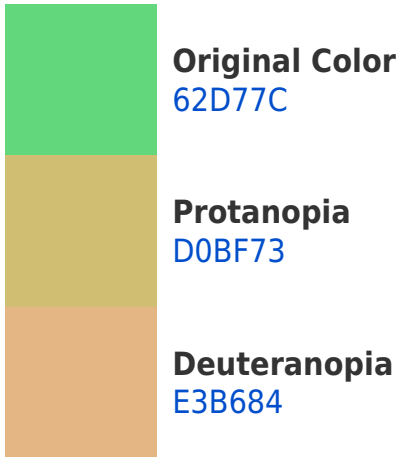


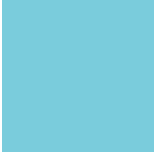
This preview shows how white text looks on a background with the Hex color 62D77C.

# 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

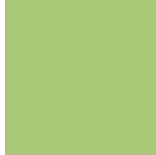




# Trichromacy



**Original Color**  
62D77C



**Protanomaly**  
A8C876



**Deuteranomaly**  
B4C281



**Tritanomaly**  
71D0B9

# Monochromacy



**Original Color**  
62D77C



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
90BA99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62D77C 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 #62D77C looks like.

```
.text, #text, p{  
    color:#62D77C  
}
```

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 #62D77C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D77C
}
```

## Border

The CSS property to change the border of an element to Hex 62D77C 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
#62D77C }
```

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

```
.border{ border-color:#62D77C }
```

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

Here you see how a box with a 4 pixel #62D77C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D77C; -webkit-box-shadow:4px 4px  
4px 4px #62D77C; box-shadow:4px 4px 4px  
4px #62D77C }
```

# Background

The CSS property to change the background color of an element to Hex 62D77C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D77C }
```

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

```
.background{ background-color:#62D77C }
```

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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