

# Converting Colors

Hex(62C4A5)

Have a look what the booklet for  
Hex(62C4A5) contains.

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**Color**

**Hex(62C4A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C4A5
RGB	98, 196, 165
RGB Percent	38%, 77%, 65%
CMY	0.6157, 0.2314, 0.3529
CMYK	0.50, 0.00, 0.16, 0.23
HSL	161°, 45%, 58%
HSV	161°, 50%, 77%
XYZ	31.5685, 44.7931, 42.5794
YIQ	163.1640, -48.4570, -30.4170

# Conversions

## Conversions Part 2

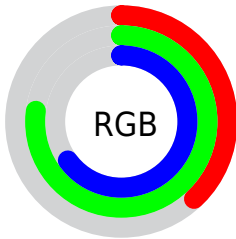
Format	Color
<b>RYB</b>	98, 156, 196
Decimal	6472869
CIELab	72.76, -36.30, 6.77
CIElCh	73, 36.928, 169.433
Yxy	44.7931, 0.2654, 0.3766
Android (android.graphics.Color)	4284662949 (0xFF62C4A5)
YUV	163.1640, 0.9051, -57.1488
Hunter-Lab	66.9277, -32.9285, 9.1290

# Details

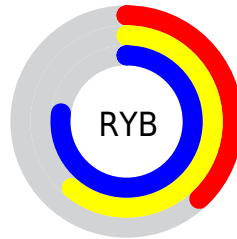
The Hex color **62C4A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C46281**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9BFDDC**, and **258E71** is the 20% darker color. If you saturate the color by 10%, you get **4EC49F**, and if you desaturate by 10%, it is **76C4AB**.

# Distribution



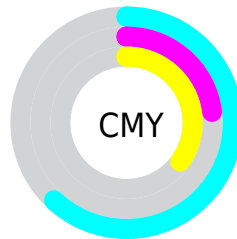
- Red (38%)
- Green (77%)
- Blue (65%)



- Red (38%)
- Yellow (61%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (62%)
- Magenta (23%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C4A5 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 62C4A5 by changing the saturation by 10% instead.





62C4A5



62C4A5

FFFFFF



45A88B



9BFDDC



258E71



B7FFF9



007459



D4FFFF



005A41



F2FFFF



00422B



002B17



001100



000000



62C4A5



62C4A5

 4EC49F

 76C4AB

 3BC499

 89C4B1

 27C492

 9DC4B8

 14C48C

 B0C4BE

 00C486

 C4C4C4

 D8C4CA

 EBC4D0

 FFC4D7

 FFC4DD

# Harmonies

## Analogous

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



8CC085



62C4A5



39C5C8

# Triad

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



62C4A5



A5AEF2



ECA181

# Complementary

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



62C4A5



C46281

# 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.



F5999E



62C4A5



D1A2DF

# Square

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



62C4A5



6FB9F4



ED9AC0



D4AC70

# Rectangle

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



62C4A5



32C3DC



ED9AC0



F19E89

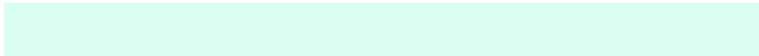


# Sweetspot

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



62C4A5



D9FFF3



81C462



698078



000000



808080



# Same Dimension

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



62C4A5



66FFCF



62B2C4



57615E



00A16E



002117



# Inverse Universe

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



C46281



FF6696



C47462



61575A



A10033

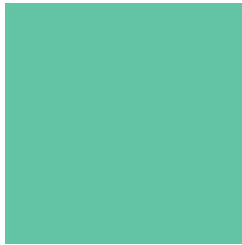


21000A



# Previews

## White Background



This preview shows how the Hex color 62C4A5 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 62C4A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

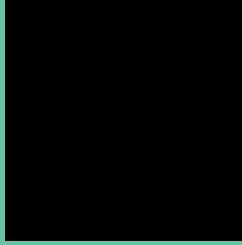
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62C4A5 Background



This preview shows how black text looks on a background with the Hex color 62C4A5.

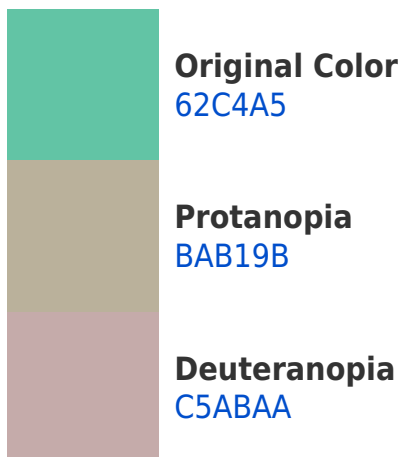


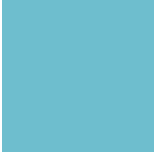
This preview shows how white text looks on a background with the Hex color 62C4A5.

# 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**  
62C4A5



**Protanomaly**  
9AB89F



**Deuteranomaly**  
A1B4A8



**Tritanomaly**  
6AC0BF

# Monochromacy



**Original Color**  
62C4A5



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
8BAFA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C4A5 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 #62C4A5 looks like.

```
.text, #text, p{  
    color:#62C4A5  
}
```

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 #62C4A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C4A5
}
```

## Border

The CSS property to change the border of an element to Hex 62C4A5 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
#62C4A5 }
```

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

```
.border{ border-color:#62C4A5 }
```

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

Here you see how a box with a 4 pixel #62C4A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C4A5; -webkit-box-shadow:4px 4px  
4px 4px #62C4A5; box-shadow:4px 4px 4px  
4px #62C4A5 }
```

# Background

The CSS property to change the background color of an element to Hex 62C4A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C4A5 }
```

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

```
.background{ background-color:#62C4A5 }
```

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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