

# Converting Colors

Hex(73A570)

Have a look what the booklet for  
Hex(73A570) contains.

<b>Hex(73A570)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(73A570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73A570
RGB	115, 165, 112
RGB Percent	45%, 65%, 44%
CMY	0.5490, 0.3529, 0.5608
CMYK	0.30, 0.00, 0.32, 0.35
HSL	117°, 23%, 54%
HSV	117°, 32%, 65%
XYZ	23.4500, 31.7250, 20.2168
YIQ	144.0080, -12.7870, -27.0830

# Conversions

## Conversions Part 2

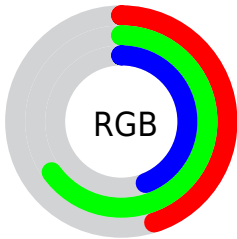
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 165, 162</a>
Decimal	<a href="#">7578992</a>
CIELab	<a href="#">63.11, -27.42, 22.31</a>
CIELCh	<a href="#">63, 35.344, 140.867</a>
Yxy	<a href="#">31.7250, 0.3110, 0.4208</a>
Android (android.graphics.Color)	<a href="#">4285769072 (0xFF73A570)</a>
YUV	<a href="#">144.0080, -15.7799, -25.4400</a>
Hunter-Lab	<a href="#">56.3249, -24.2529, 18.1464</a>

# Details

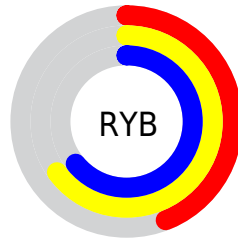
The Hex color **73A570** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A270A5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A8DCA4**, and **407140** is the 20% darker color. If you saturate the color by 10%, you get **63A55F**, and if you desaturate by 10%, it is **83A581**.

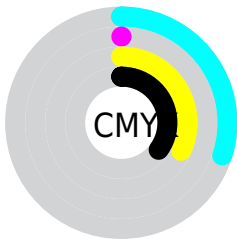
# Distribution



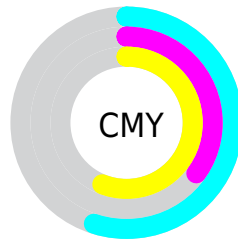
- Red (45%)
- Green (65%)
- Blue (44%)



- Red (44%)
- Yellow (65%)
- Blue (64%)



- Cyan (30%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (55%)
- Magenta (35%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A570 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 73A570 by changing the saturation by 10% instead.



 73A570

 73A570

FFFFFF

 598A57

 A8DCA4

 407140

 C4F9BF

 285829

 E0FFDB

 0D4013

 FDFFF8

 002A00

 001300

 000000

 73A570

 73A570

 63A55F

 83A581

 54A54F

 92A591

 44A53E

 A2A5A1

 35A52E

 B1A5B2

 25A51D

 C1A5C2

 16A50D

 D0A5D3

 09A500

 E0A5E3

 F0A5F4

 FFA5FF

# Harmonies

## Analogous

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



979E5D



73A570



49A98E

# Triad

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



73A570



599FD6



D68184

# Complementary

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



73A570



A270A5

# 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.



CF81A4



73A570



8E94D3

# Square

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



73A570



1CA6C9



B789C1



CC8969

# Rectangle

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



73A570



29AAA3



B789C1



D6808E



# Sweetspot

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



73A570



C2D6C1



A5A170



5F6B5E



EBEBEB



6B6B6B



# Same Dimension

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



73A570



87D683



70A587



4A5249



089100



011200



# Inverse Universe

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



A270A5



D183D6



A5708E



514952



890091



110012



# Previews

## White Background



This preview shows how the Hex color 73A570 looks on a white background.

## Color Contrast Check

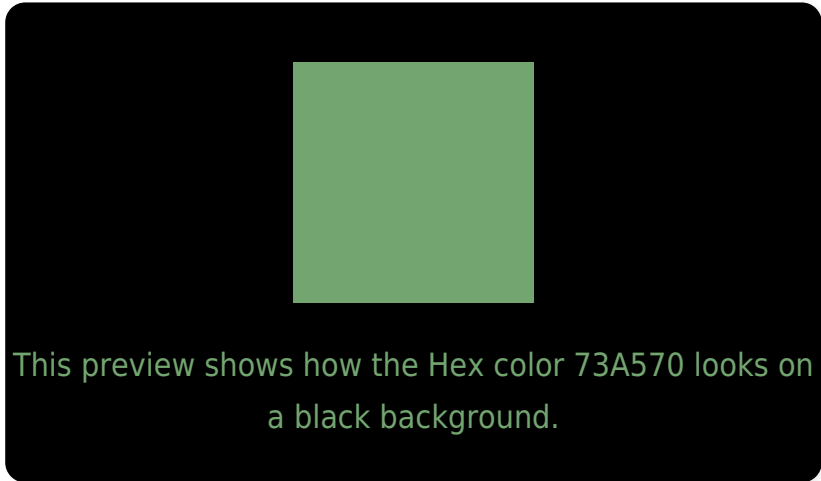
Large Text (above 18pt) WCAG AA × Fail

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

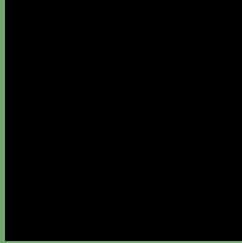
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73A570 Background



This preview shows how black text looks on a background with the Hex color 73A570.



This preview shows how white text looks on a background with the Hex color 73A570.

# 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](#).

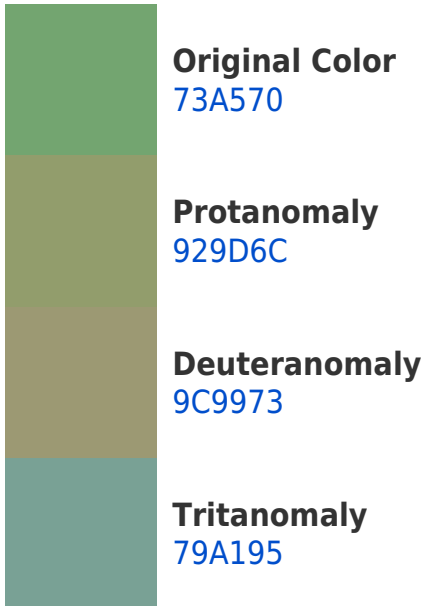
## Dichromacy



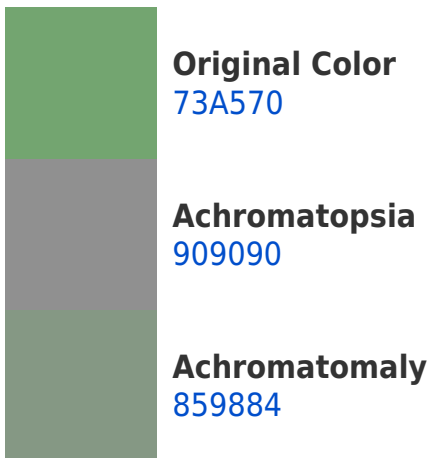


**Tritanopia**  
7D9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A570 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 #73A570 looks like.

```
.text, #text, p{  
    color:#73A570  
}
```

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 #73A570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A570
}
```

## Border

The CSS property to change the border of an element to Hex 73A570 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
#73A570 }
```

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

```
.border{ border-color:#73A570 }
```

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

Here you see how a box with a 4 pixel #73A570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A570; -webkit-box-shadow:4px 4px  
4px 4px #73A570; box-shadow:4px 4px 4px  
4px #73A570 }
```

# Background

The CSS property to change the background color of an element to Hex 73A570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A570 }
```

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

```
.background{ background-color:#73A570 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor