

# Converting Colors

Hex(6A7E5F)

Have a look what the booklet for  
Hex(6A7E5F) contains.

<b>Hex(6A7E5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(6A7E5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	6A7E5F
RGB	106, 126, 95
RGB Percent	42%, 49%, 37%
CMY	0.5843, 0.5059, 0.6275
CMYK	0.16, 0.00, 0.25, 0.51
HSL	99°, 14%, 43%
HSV	99°, 25%, 49%
XYZ	15.4703, 18.8121, 13.6422
YIQ	116.4860, -1.9690, -13.8810

# Conversions

## Conversions Part 2

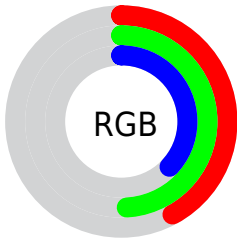
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 126, 115
Decimal	6979167
CIE <sub>Lab</sub>	50.47, -13.50, 14.52
CIE <sub>LCh</sub>	50, 19.825, 132.911
Yxy	18.8121, 0.3228, 0.3925
Android (android.graphics.Color)	4285169247 (0xFF6A7E5F)
YUV	116.4860, -10.5926, -9.1962
Hunter-Lab	43.3729, -12.2352, 11.7124

# Details

The Hex color **6A7E5F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **735F7E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9EB392**, and **3A4D31** is the 20% darker color. If you saturate the color by 10%, you get **627E52**, and if you desaturate by 10%, it is **727E6C**.

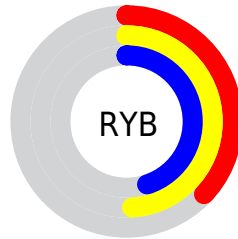
# Distribution



Red (42%)

Green (49%)

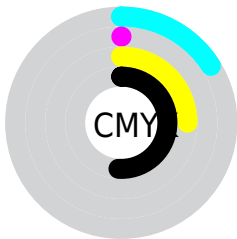
Blue (37%)



Red (37%)

Yellow (49%)

Blue (45%)

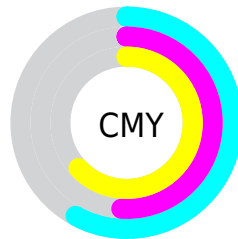


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7E5F 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 6A7E5F by changing the saturation by 10% instead.





6A7E5F



6A7E5F

FFFFFF



526547



9EB392



3A4D31



B9CEAC



24361B



D4EAC8



112102



F1FFE4



000300



000000



6A7E5F



6A7E5F



627E52



727E6C



5A7E46



7A7E78

■ 527E39

■ 827E85

■ 497E2D

■ 8B7E91

■ 417E20

■ 937E9E

■ 397E13

■ 9B7EAB

■ 317E07

■ A37EB7

■ 2D7E00

■ AB7EC4

■ B37ED0

# Harmonies

## Analogous

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



7D7957



6A7E5F



57816E

# Triad

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



6A7E5F



567D98



9A6C71

# Complementary

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



6A7E5F



735F7E

# 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.



946D82



6A7E5F



6E7799

# Square

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



6A7E5F



48808E



847191



986F62

# Rectangle

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



6A7E5F



4D8279



847191



996C77



# Sweetspot

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



6A7E5F



9CA398



7E735F



4D524B



D1D1D1



525252



# Same Dimension

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



6A7E5F



84A372



5F7E63



3C4039



2D8000



000000



# Inverse Universe

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



735F7E



9272A3



7E5F7A



3D3940



520080



000000



# Previews

## White Background



This preview shows how the Hex color 6A7E5F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

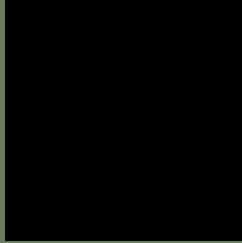
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A7E5F Background



This preview shows how black text looks on a background with the Hex color 6A7E5F.



This preview shows how white text looks on a background with the Hex color 6A7E5F.

# 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



**Original Color**  
6A7E5F

**Protanopia**  
80785C

**Deuteranopia**  
8B7361



**Tritanopia**  
707983

# Trichromacy



**Original Color**  
6A7E5F

**Protanomaly**  
787A5D

**Deuteranomaly**  
7F7760

**Tritanomaly**  
6E7B76

# Monochromacy



**Original Color**  
6A7E5F

**Achromatopsia**  
747474

**Achromatomaly**  
70786C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7E5F 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 #6A7E5F looks like.

```
.text, #text, p{  
    color:#6A7E5F  
}
```

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 #6A7E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7E5F
}
```

## Border

The CSS property to change the border of an element to Hex 6A7E5F 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
#6A7E5F }
```

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

```
.border{ border-color:#6A7E5F }
```

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

Here you see how a box with a 4 pixel #6A7E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7E5F; -webkit-box-shadow:4px 4px  
4px 4px #6A7E5F; box-shadow:4px 4px 4px  
4px #6A7E5F }
```

# Background

The CSS property to change the background color of an element to Hex 6A7E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7E5F }
```

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

```
.background{ background-color:#6A7E5F }
```

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