

Converting Colors

Hex(5F7962)

Have a look what the booklet for
Hex(5F7962) contains.

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Color

Hex(5F7962)

Conversions

Conversions Part 1

Format	Color
Hex	5F7962
RGB	95, 121, 98
RGB Percent	37%, 47%, 38%
CMY	0.6275, 0.5255, 0.6157
CMYK	0.21, 0.00, 0.19, 0.53
HSL	127°, 12%, 42%
HSV	127°, 21%, 47%
XYZ	13.7613, 16.9895, 14.1093
YIQ	110.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

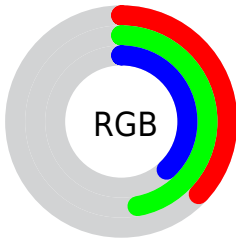
Format	Color
R_{YB}	95, 118, 121
Decimal	6256994
CIE _{Lab}	48.25, -14.38, 9.56
CIE _{LCh}	48, 17.267, 146.369
Yxy	16.9895, 0.3068, 0.3787
Android (android.graphics.Color)	4284447074 (0xFF5F7962)
YUV	110.6040, -6.2138, -13.6847
Hunter-Lab	41.2183, -12.5374, 8.5575

Details

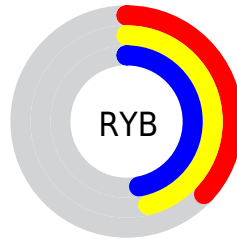
The Hex color **5F7962** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **795F76**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **92AD95**, and **304834** is the 20% darker color. If you saturate the color by 10%, you get **537957**, and if you desaturate by 10%, it is **6B796D**.

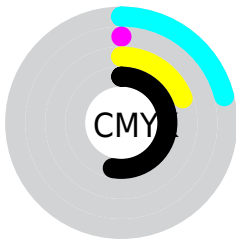
Distribution



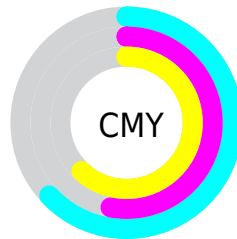
- Red (37%)
- Green (47%)
- Blue (38%)



- Red (37%)
- Yellow (46%)
- Blue (47%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7962 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 5F7962 by changing the saturation by 10% instead.



5F7962



5F7962

FFFFFF



47604A



92AD95



304834



ADC9AF



1A321E



C8E5CB



041D06



E4FFE7



000000



5F7962



5F7962



537957



6B796D



47794D



777977



3B7942



837982

 2F7937

 8F798D

 23792C

 9B7998

 167922

 A879A2

 0A7917

 B479AD

 00790E

 C079B8

 CC79C2

Harmonies

Analogous

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



707658



5F7962



507B70

Triad

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



5F7962



5F748F



906966

Complementary

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



5F7962



795F76

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.



8E6875



5F7962



736F8D

Square

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



5F7962



4E788A



846B83



8B6C5B

Rectangle

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



5F7962



4A7B7A



846B83



91686B

Sweetspot

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



5F7962



959E96



76795F



4A4F4A



CFCFCF



4F4F4F

Same Dimension

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



5F7962



759E7A



5F796F



373D38



007D0E



00FC1D

Inverse Universe

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



795F76



9E7599



795F69



3D373C



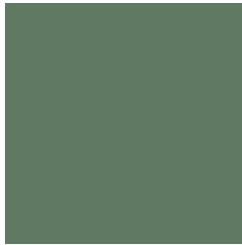
7D006F



FC00DF

Previews

White Background



This preview shows how the Hex color 5F7962 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

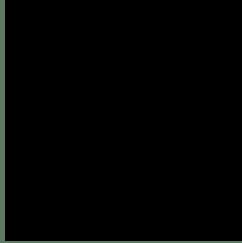
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5F7962 Background



This preview shows how black text looks on a background with the Hex color 5F7962.



This preview shows how white text looks on a background with the Hex color 5F7962.

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
5F7962

Protanopia
79725F

Deuteranopia
826E64



Tritanopia
64757E

Trichromacy



Original Color
5F7962

Protanomaly
707560

Deuteranomaly
757263

Tritanomaly
627674

Monochromacy



Original Color
5F7962

Achromatopsia
6F6F6F

Achromatomaly
69736A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7962 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 #5F7962 looks like.

```
.text, #text, p{  
    color:#5F7962  
}
```

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 #5F7962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7962
}
```

Border

The CSS property to change the border of an element to Hex 5F7962 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".

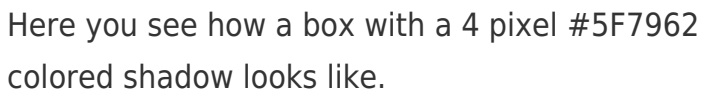
```
.border, #border, table{ border:4px solid
#5F7962 }
```

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

```
.border{ border-color:#5F7962 }
```

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

Here you see how a box with a 4 pixel #5F7962 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7962; -webkit-box-shadow:4px 4px  
4px 4px #5F7962; box-shadow:4px 4px 4px  
4px #5F7962 }
```

Background

The CSS property to change the background color of an element to Hex 5F7962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7962 }
```

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

```
.background{ background-color:#5F7962 }
```

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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