

Converting Colors

Hex(5F7660)

Have a look what the booklet for
Hex(5F7660) contains.

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Color

Hex(5F7660)

Conversions

Conversions Part 1

Format	Color
Hex	5F7660
RGB	95, 118, 96
RGB Percent	37%, 46%, 38%
CMY	0.6275, 0.5373, 0.6235
CMYK	0.19, 0.00, 0.19, 0.54
HSL	123°, 11%, 42%
HSV	123°, 19%, 46%
XYZ	13.3091, 16.2343, 13.4984
YIQ	108.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

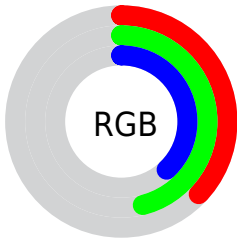
Format	Color
R_{YB}	95, 117, 118
Decimal	6256224
CIE _{Lab}	47.28, -13.12, 9.38
CIE _{LCh}	47, 16.127, 144.439
Yxy	16.2343, 0.3092, 0.3772
Android (android.graphics.Color)	4284446304 (0xFF5F7660)
YUV	108.6150, -6.2192, -11.9404
Hunter-Lab	40.2918, -11.5491, 8.3412

Details

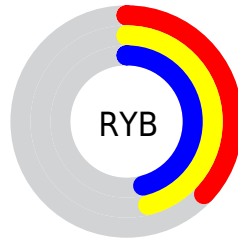
The Hex color **5F7660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **765F75**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **92AA93**, and **304632** is the 20% darker color. If you saturate the color by 10%, you get **537655**, and if you desaturate by 10%, it is **6B766B**.

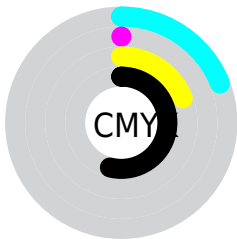
Distribution



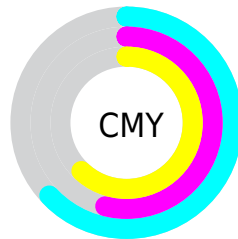
- Red (37%)
- Green (46%)
- Blue (38%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7660 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 5F7660 by changing the saturation by 10% instead.



5F7660



5F7660

FFFFFF



475D48



92AA93



304632



ACC5AD



1B2F1D



C8E2C8



031B03



E4FEE5



000000



5F7660



5F7660



537655



6B766B



477649



777677



3C763E



827682

■ 307633

■ 8E768D

■ 247628

■ 9A7698

■ 18761C

■ A676A4

■ 0C7611

■ B276AF

■ 017606

■ BD76BA

■ 007605

■ C976C6

Harmonies

Analogous

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



6F7357



5F7660



51786D

Triad

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



5F7660



5D728B



8C6766

Complementary

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



5F7660



765F75

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.



896773



5F7660



6F6E89

Square

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



5F7660



4E7686



7F6980



876A5B

Rectangle

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



5F7660



4B7876



7F6980



8C676A

Sweetspot

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



5F7660



909990



75765F



474D47



CCCCCC



4D4D4D

Same Dimension

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



5F7660



769977



5F766B



353B35



007A05



00FA0B

Inverse Universe

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



765F75



997697



765F6A



3B353A



7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 5F7660 looks on a white background.

Color Contrast Check

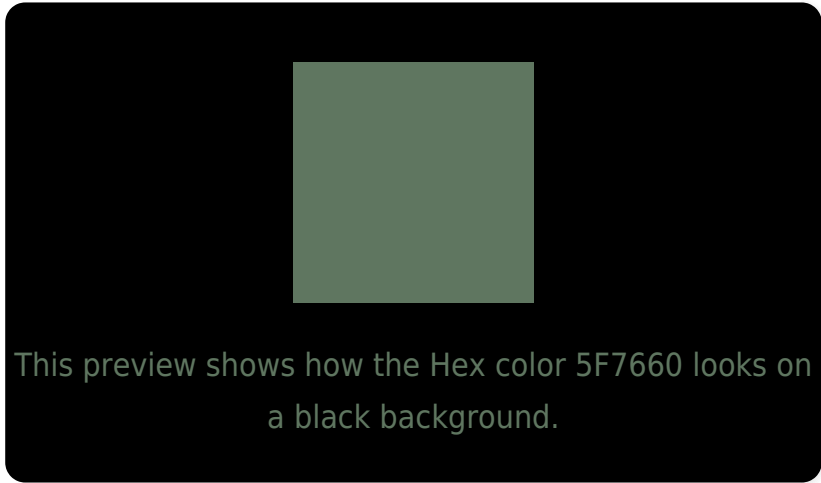
Large Text (above 18pt) WCAG AA ✓ Pass

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

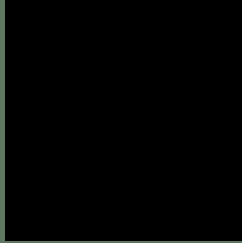
Any Text WCAG AA × Fail

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 5F7660 Background



This preview shows how black text looks on a background with the Hex color 5F7660.



This preview shows how white text looks on a background with the Hex color 5F7660.

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
5F7660

Protanopia
76705D

Deuteranopia
806C62



Tritanopia
64727B

Trichromacy



Original Color
5F7660

Protanomaly
6E725E

Deuteranomaly
747061

Tritanomaly
627371

Monochromacy



Original Color
5F7660

Achromatopsia
6D6D6D

Achromatomaly
687068

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7660 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 #5F7660 looks like.

```
.text, #text, p{  
    color:#5F7660  
}
```

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 #5F7660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7660
}
```

Border

The CSS property to change the border of an element to Hex 5F7660 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
#5F7660 }
```

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

```
.border{ border-color:#5F7660 }
```

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

Here you see how a box with a 4 pixel #5F7660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7660; -webkit-box-shadow:4px 4px  
4px 4px #5F7660; box-shadow:4px 4px 4px  
4px #5F7660 }
```

Background

The CSS property to change the background color of an element to Hex 5F7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7660 }
```

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

```
.background{ background-color:#5F7660 }
```

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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