

Converting Colors

Hex(5F7627)

Have a look what the booklet for
Hex(5F7627) contains.

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Color

Hex(5F7627)

Conversions

Conversions Part 1

Format	Color
Hex	5F7627
RGB	95, 118, 39
RGB Percent	37%, 46%, 15%
CMY	0.6275, 0.5373, 0.8471
CMYK	0.19, 0.00, 0.67, 0.54
HSL	77°, 50%, 31%
HSV	77°, 67%, 46%
XYZ	11.5640, 15.5362, 4.3088
YIQ	102.1170, 11.6510, -29.4450

Conversions

Conversions Part 2

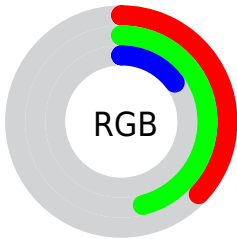
Format	Color
R_{YB}	39, 118, 62
Decimal	6256167
CIE _{Lab}	46.36, -21.04, 39.36
CIE _{LCh}	46, 44.631, 118.121
Yxy	15.5362, 0.3682, 0.4946
Android (android.graphics.Color)	4284446247 (0xFF5F7627)
YUV	102.1170, -31.1167, -6.2416
Hunter-Lab	39.4160, -16.6094, 21.1099

Details

The Hex color **5F7627** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3E2776**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **94AA58**, and **2E4600** is the 20% darker color. If you saturate the color by 10%, you get **5C761B**, and if you desaturate by 10%, it is **627633**.

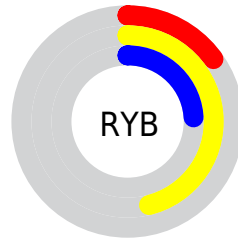
Distribution



Red (37%)

Green (46%)

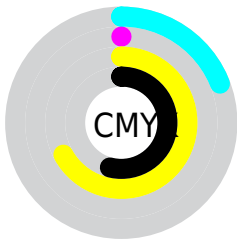
Blue (15%)



Red (15%)

Yellow (46%)

Blue (24%)

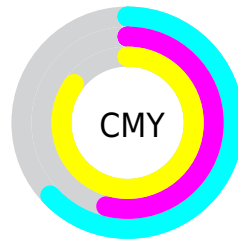


Cyan (19%)

Magenta (0%)

Yellow (67%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7627 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 5F7627 by changing the saturation by 10% instead.



5F7627



5F7627

FFFFFF



465D0D



94AA58



2E4600



AFC672



152F00



CBE28C



001C00



E8FEA7



000000



FFFFC2



FFFFDF



FFFFFC



5F7627



5F7627

■ 5C761B

■ 627633

■ 58760F

■ 66763F

■ 557604

■ 69764A

■ 547600

■ 6D7656

■ 707662

■ 74766E

■ 77767A

■ 7A7685

■ 7E7691

Harmonies

Analogous

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



846B1D



5F7627



2B7D44

Triad

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



5F7627



007CAD



B04C72

Complementary

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



5F7627



3E2776

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.



995596



5F7627



0073B9

Square

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



5F7627



008090



6B65B0



B1504D

Rectangle

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



5F7627



007F5D



6B65B0



AB4E7E

Sweetspot

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



5F7627



90997A



763D27



474D3A



CCCCCC



4D4D4D

Same Dimension

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



5F7627



75991F



387627



393B35



577A00



B1FA00

Inverse Universe

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



3E2776



421F99



652776



36353B



24007A



4900FA

Previews

White Background



This preview shows how the Hex color 5F7627 looks on a white background.

Color Contrast Check

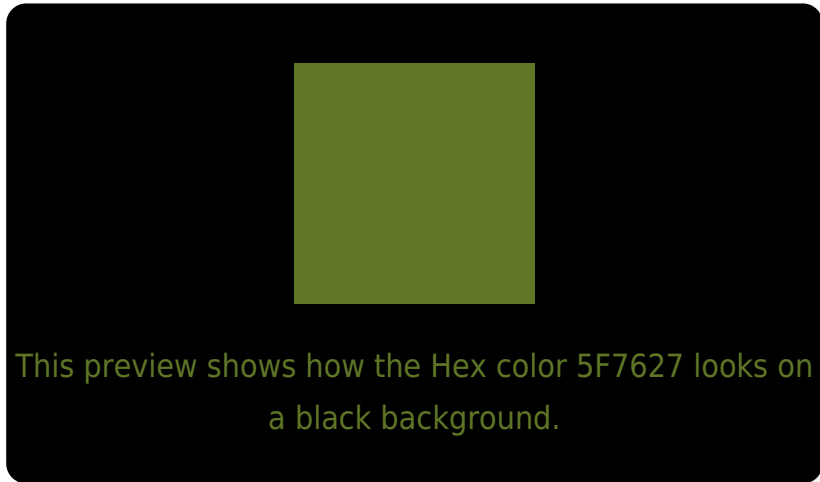
Large Text (above 18pt) WCAG AA ✓ Pass

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

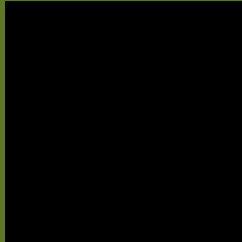
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

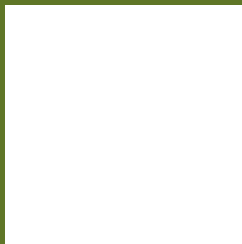
Any Text WCAG AAA × Fail

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

Hex 5F7627 Background



This preview shows how black text looks on a background with the Hex color 5F7627.



This preview shows how white text looks on a background with the Hex color 5F7627.

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
5F7627

Protanopia
7B6E25

Deuteranopia
88682C



Tritanopia
686E77

Trichromacy



Original Color
5F7627

Protanomaly
717126

Deuteranomaly
796D2A

Tritanomaly
65715A

Monochromacy



Original Color
5F7627

Achromatopsia
666666

Achromatomaly
636C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7627 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 #5F7627 looks like.

```
.text, #text, p{  
    color:#5F7627  
}
```

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 #5F7627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7627
}
```

Border

The CSS property to change the border of an element to Hex 5F7627 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
#5F7627 }
```

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

```
.border{ border-color:#5F7627 }
```

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

Here you see how a box with a 4 pixel #5F7627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7627; -webkit-box-shadow:4px 4px  
4px 4px #5F7627; box-shadow:4px 4px 4px  
4px #5F7627 }
```

Background

The CSS property to change the background color of an element to Hex 5F7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7627 }
```

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

```
.background{ background-color:#5F7627 }
```

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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