

Converting Colors

Hex(5A7F27)

Have a look what the booklet for
Hex(5A7F27) contains.

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Color

Hex(5A7F27)

Conversions

Conversions Part 1

Format	Color
Hex	5A7F27
RGB	90, 127, 39
RGB Percent	35%, 50%, 15%
CMY	0.6471, 0.5020, 0.8471
CMYK	0.29, 0.00, 0.69, 0.50
HSL	85°, 53%, 33%
HSV	85°, 69%, 50%
XYZ	12.1720, 17.4989, 4.6555
YIQ	105.9050, 6.1960, -35.2120

Conversions

Conversions Part 2

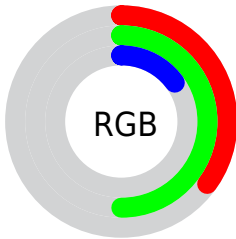
Format	Color
RYB	39, 127, 76
Decimal	5930791
CIELab	48.88, -27.64, 41.93
CIElCh	49, 50.221, 123.393
Yxy	17.4989, 0.3546, 0.5098
Android (android.graphics.Color)	4284120871 (0xFF5A7F27)
YUV	105.9050, -32.9842, -13.9487
Hunter-Lab	41.8317, -21.2661, 22.6836

Details

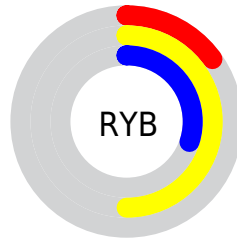
The Hex color **5A7F27** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C277F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8FB459**, and **274E00** is the 20% darker color. If you saturate the color by 10%, you get **557F1A**, and if you desaturate by 10%, it is **5F7F34**.

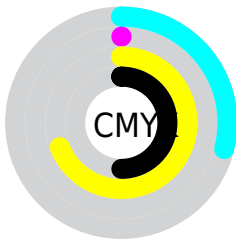
Distribution



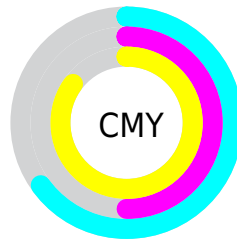
- Red (35%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (30%)



- Cyan (29%)
- Magenta (0%)
- Yellow (69%)
- Black (50%)



- Cyan (65%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7F27 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 5A7F27 by changing the saturation by 10% instead.



5A7F27



5A7F27

FFFFFF



40660B



8FB459



274E00



AAD073



0C3600



C6EC8D



002200



E3FFA8



000000



FFFFC4



FFFFE0



FFFFFD



5A7F27



5A7F27

■ 557F1A

■ 5F7F34

■ 4F7F0E

■ 657F40

■ 4A7F01

■ 6A7F4D

■ 4A7F00

■ 6F7F5A

■ 757F66

■ 7A7F73

■ 7F7F80

■ 857F8D

■ 8A7F99

Harmonies

Analogous

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



867414



5A7F27



05864C

Triad

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



5A7F27



0082C0



C04B71

Complementary

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



5A7F27



4C277F

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.



AB559B



5A7F27



0077C9

Square

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



5A7F27



0088A2



7B67BC



BD5348

Rectangle

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



5A7F27



008869



7B67BC



BC4D7F

Sweetspot

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



5A7F27



97A683



7F4C27



4B543F



D4D4D4



545454

Same Dimension

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



5A7F27



6CA61C



2E7F27



3D4039



4A8000



000000

Inverse Universe

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



4C277F



561CA6



78277F



3C3940



360080



000000

Previews

White Background



This preview shows how the Hex color 5A7F27 looks on a white background.

Color Contrast Check

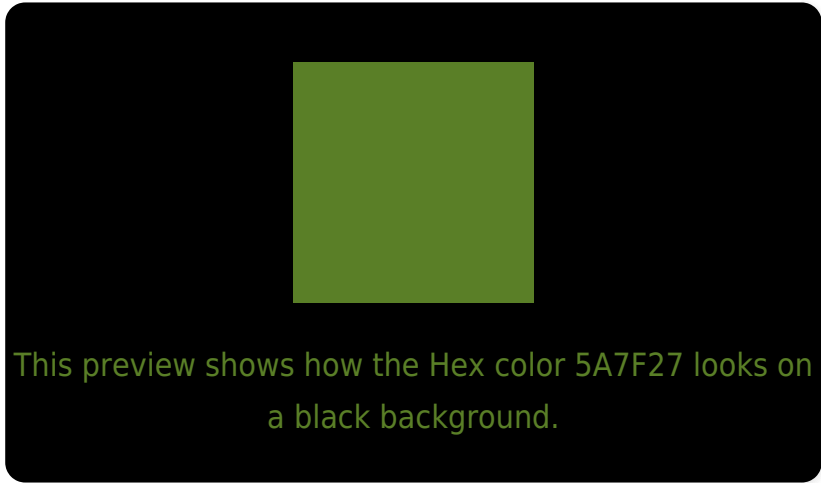
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 5A7F27 Background



This preview shows how black text looks on a background with the Hex color 5A7F27.



This preview shows how white text looks on a background with the Hex color 5A7F27.

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
5A7F27

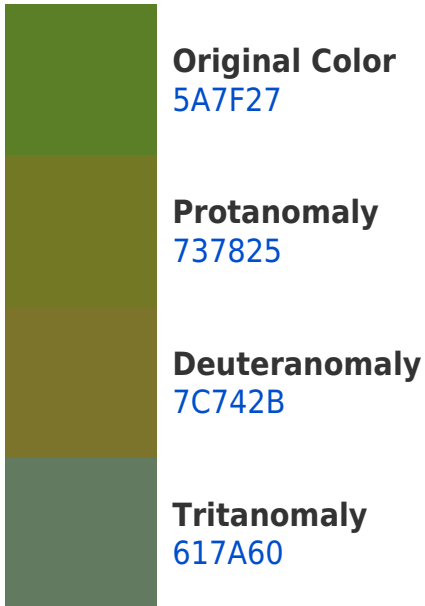
Protanopia
827424

Deuteranopia
906E2D

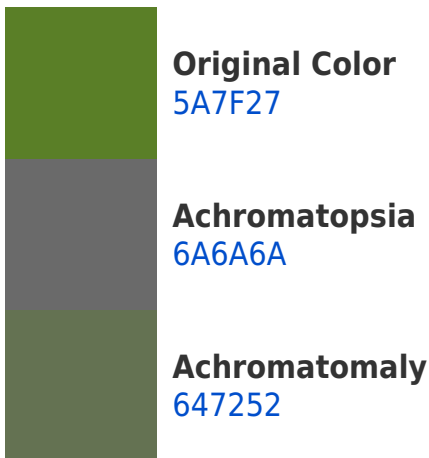


Tritanopia
657780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7F27 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 #5A7F27 looks like.

```
.text, #text, p{  
    color:#5A7F27  
}
```

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 #5A7F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7F27
}
```

Border

The CSS property to change the border of an element to Hex 5A7F27 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
#5A7F27 }
```

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

```
.border{ border-color:#5A7F27 }
```

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

Here you see how a box with a 4 pixel #5A7F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7F27; -webkit-box-shadow:4px 4px  
4px 4px #5A7F27; box-shadow:4px 4px 4px  
4px #5A7F27 }
```

Background

The CSS property to change the background color of an element to Hex 5A7F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7F27 }
```

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

```
.background{ background-color:#5A7F27 }
```

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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