

# Converting Colors

Hex(5F8427)

Have a look what the booklet for  
Hex(5F8427) contains.

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**Color**

**Hex(5F8427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F8427
RGB	95, 132, 39
RGB Percent	37%, 52%, 15%
CMY	0.6275, 0.4824, 0.8471
CMYK	0.28, 0.00, 0.70, 0.48
HSL	84°, 54%, 34%
HSV	84°, 70%, 52%
XYZ	13.3368, 19.0819, 4.8997
YIQ	110.3350, 7.8010, -36.7670

# Conversions

## Conversions Part 2

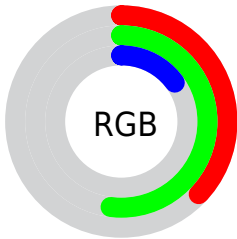
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 132, 76
Decimal	6259751
CIE <sub>Lab</sub>	50.78, -28.04, 44.01
CIE <sub>LCh</sub>	51, 52.177, 122.502
Yxy	19.0819, 0.3574, 0.5113
Android (android.graphics.Color)	4284449831 (0xFF5F8427)
YUV	110.3350, -35.1682, -13.4488
Hunter-Lab	43.6828, -21.9472, 23.9277

# Details

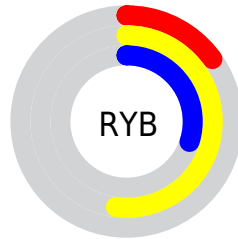
The Hex color **5F8427** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C2784**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **94B95A**, and **2C5200** is the 20% darker color. If you saturate the color by 10%, you get **5A841A**, and if you desaturate by 10%, it is **648434**.

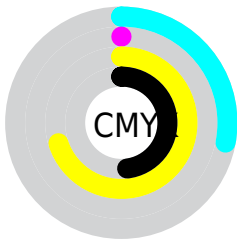
# Distribution



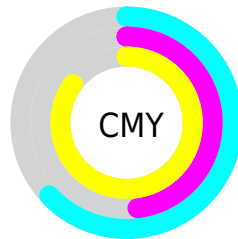
- Red (37%)
- Green (52%)
- Blue (15%)



- Red (15%)
- Yellow (52%)
- Blue (30%)



- Cyan (28%)
- Magenta (0%)
- Yellow (70%)
- Black (48%)



- Cyan (63%)
- Magenta (48%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8427 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 5F8427 by changing the saturation by 10% instead.





5F8427



5F8427

FFFFFF



456B0A



94B95A



2C5200



B0D574



113B00



CCF28E



002500



E9FFA9



000500



FFFFC5



000000



FFFFE1

FFFFFFE



5F8427



5F8427

■ 5A841A

■ 648434

■ 54840D

■ 6A8441

■ 4F8400

■ 6F844F

■ 74845C

■ 798469

■ 7F8476

■ 848483

■ 898491

■ 8E849E

# Harmonies

## Analogous

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



8C7814



5F8427



098B4E

# Triad

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



5F8427



0088C7



C84E77

# Complementary

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



5F8427



4C2784

# 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.



B258A3



5F8427



007DD2

# Square

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



5F8427



008DA8



7E6BC4



C6564C

# Rectangle

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



5F8427



008D6C



7E6BC4



C35086



# Sweetspot

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



5F8427



9DAB87



844B27



4E5741



D6D6D6



575757



# Same Dimension

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



5F8427



71AB1A



328427



40423C



4E8200



020300



# Inverse Universe

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



4C2784



531AAB



792784



3E3C42



340082



010003



# Previews

## White Background



This preview shows how the Hex color 5F8427 looks on a white background.

## Color Contrast Check

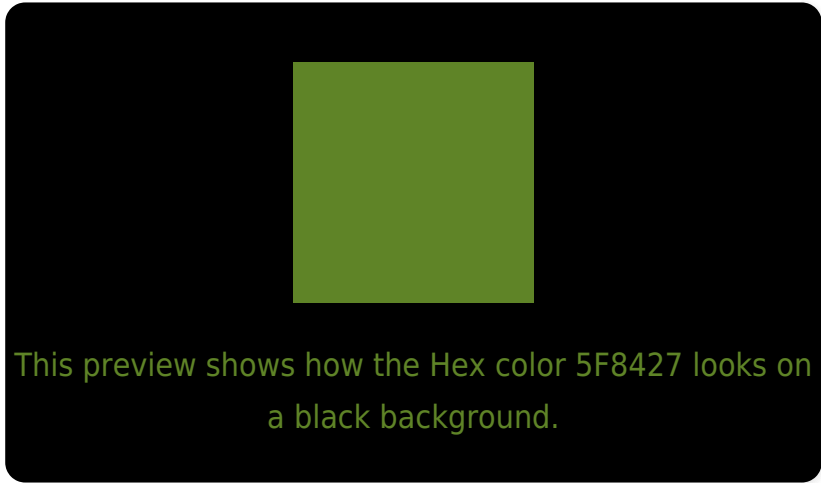
Large Text (above 18pt) WCAG AA ✓ Pass

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

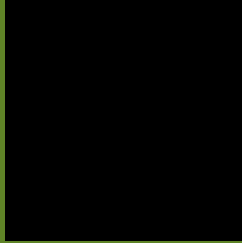
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F8427 Background



This preview shows how black text looks on a background with the Hex color 5F8427.



This preview shows how white text looks on a background with the Hex color 5F8427.

# 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





**Tritanopia**  
6B7B85

# Trichromacy



**Original Color**  
5F8427

**Protanomaly**  
787D25

**Deuteranomaly**  
82792B

**Tritanomaly**  
677E63

# Monochromacy



**Original Color**  
5F8427

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
697654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8427 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 #5F8427 looks like.

```
.text, #text, p{  
    color:#5F8427  
}
```

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 #5F8427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8427
}
```

## Border

The CSS property to change the border of an element to Hex 5F8427 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
#5F8427 }
```

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

```
.border{ border-color:#5F8427 }
```

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

Here you see how a box with a 4 pixel #5F8427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8427; -webkit-box-shadow:4px 4px  
4px 4px #5F8427; box-shadow:4px 4px 4px  
4px #5F8427 }
```

# Background

The CSS property to change the background color of an element to Hex 5F8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8427 }
```

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

```
.background{ background-color:#5F8427 }
```

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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