

Converting Colors

Hex(5F5527)

Have a look what the booklet for
Hex(5F5527) contains.

Hex(5F5527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F5527)

Conversions

Conversions Part 1

Format	Color
Hex	5F5527
RGB	95, 85, 39
RGB Percent	37%, 33%, 15%
CMY	0.6275, 0.6667, 0.8471
CMYK	0.00, 0.11, 0.59, 0.63
HSL	49°, 42%, 26%
HSV	49°, 59%, 37%
XYZ	8.3340, 9.0764, 3.2321
YIQ	82.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

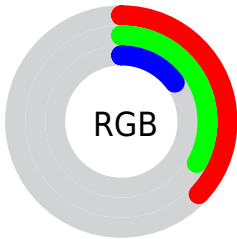
Format	Color
R_{YB}	51, 95, 39
Decimal	6247719
CIE Lab	36.13, -2.57, 27.95
CIE LCh	36, 28.073, 95.256
Yxy	9.0764, 0.4037, 0.4397
Android (android.graphics.Color)	4284437799 (0xFF5F5527)
YUV	82.7460, -21.5668, 10.7468
Hunter-Lab	30.1270, -3.3439, 14.7281

Details

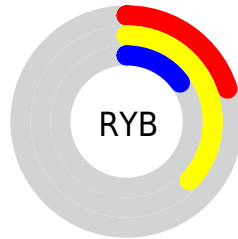
The Hex color **5F5527** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27315F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **938656**, and **302800** is the 20% darker color. If you saturate the color by 10%, you get **5F531D**, and if you desaturate by 10%, it is **5F5731**.

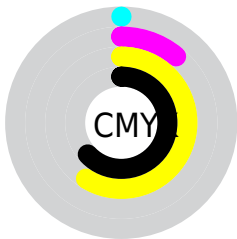
Distribution



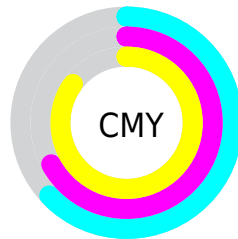
- Red (37%)
- Green (33%)
- Blue (15%)



- Red (20%)
- Yellow (37%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (59%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5527 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 5F5527 by changing the saturation by 10% instead.



5F5527



5F5527

FFFFFF



463E11



938656



302800



AEA16E



171400



CABC88



000000



E7D7A3



FFF4BE



FFFFDA



FFFFF6



5F5527



5F5527

■ 5F531D

■ 5F5731

■ 5F5214

■ 5F583A

■ 5F500B

■ 5F5A44

■ 5F4E01

■ 5F5C4D

■ 5F4E00

■ 5F5D57

■ 5F5F60

■ 5F616A

■ 5F6373

■ 5F647D

Harmonies

Analogous

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



724D2C



5F5527



475B2F

Triad

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



5F5527



00606E



744668

Complementary

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



5F5527



27315F

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.



5C4E7A



5F5527



005C7D

Square

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



5F5527



006158



375682



7F4252

Rectangle

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



5F5527



355E3A



375682



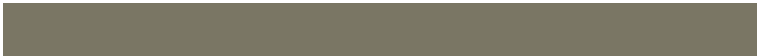
6E486F

Sweetspot

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



5F5527



7A7664



5F2731



3D3B30



BDBDBD



3D3D3D

Same Dimension

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



5F5527



7A6B23



4D5F27



30302C



705C00



F0C500

Inverse Universe

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



27315F



23337A



39275F



2C2C30



001470



002BF0

Previews

White Background



This preview shows how the Hex color 5F5527 looks on a white background.

Color Contrast Check

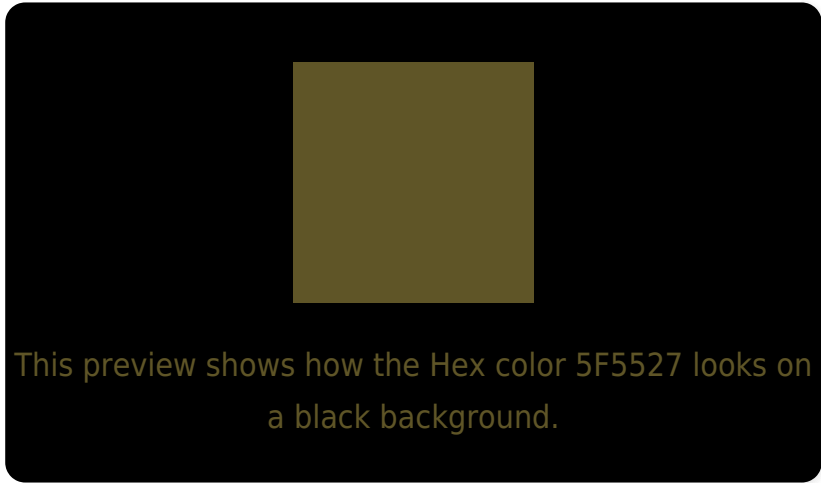
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

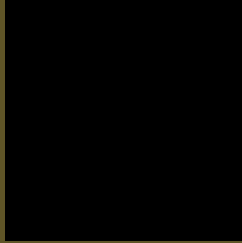
Any Text WCAG AA × Fail

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 5F5527 Background



This preview shows how black text looks on a background with the Hex color 5F5527.



This preview shows how white text looks on a background with the Hex color 5F5527.

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
5F5527

Protanopia
5E5527

Deuteranopia
695128



Tritanopia
635056

Trichromacy



Original Color
5F5527

Protanomaly
5E5527

Deuteranomaly
655228

Tritanomaly
625245

Monochromacy



Original Color
5F5527

Achromatopsia
535353

Achromatomaly
575443

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5527 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 #5F5527 looks like.

```
.text, #text, p{  
    color:#5F5527  
}
```

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 #5F5527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5527
}
```

Border

The CSS property to change the border of an element to Hex 5F5527 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
#5F5527 }
```

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

```
.border{ border-color:#5F5527 }
```

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

Here you see how a box with a 4 pixel #5F5527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5527; -webkit-box-shadow:4px 4px  
4px 4px #5F5527; box-shadow:4px 4px 4px  
4px #5F5527 }
```

Background

The CSS property to change the background color of an element to Hex 5F5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5527 }
```

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

```
.background{ background-color:#5F5527 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor