

Converting Colors

Hex(536F27)

Have a look what the booklet for
Hex(536F27) contains.

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Color

Hex(536F27)

Conversions

Conversions Part 1

Format	Color
Hex	536F27
RGB	83, 111, 39
RGB Percent	33%, 44%, 15%
CMY	0.6745, 0.5647, 0.8471
CMYK	0.25, 0.00, 0.65, 0.56
HSL	83°, 48%, 29%
HSV	83°, 65%, 44%
XYZ	9.6179, 13.3544, 3.9902
YIQ	94.4200, 6.4240, -28.3280

Conversions

Conversions Part 2

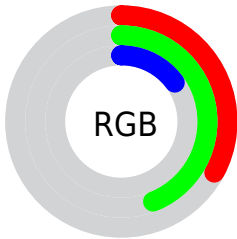
Format	Color
R_{YB}	39, 111, 67
Decimal	5467943
CIE _{Lab}	43.29, -22.57, 35.80
CIE _{LCh}	43, 42.320, 122.235
Yxy	13.3544, 0.3567, 0.4953
Android (android.graphics.Color)	4283658023 (0xFF536F27)
YUV	94.4200, -27.3221, -10.0153
Hunter-Lab	36.5436, -16.9719, 19.1067

Details

The Hex color **536F27** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **43276F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **87A358**, and **233F00** is the 20% darker color. If you saturate the color by 10%, you get **4F6F1C**, and if you desaturate by 10%, it is **576F32**.

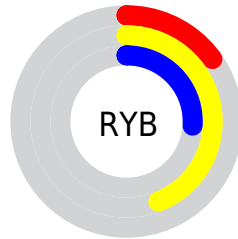
Distribution



Red (33%)

Green (44%)

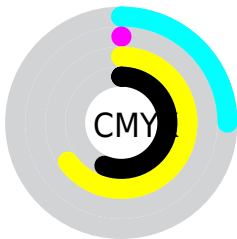
Blue (15%)



Red (15%)

Yellow (44%)

Blue (26%)

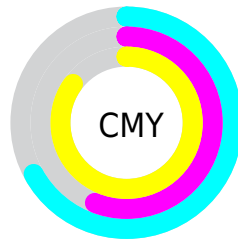


Cyan (25%)

Magenta (0%)

Yellow (65%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536F27 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 536F27 by changing the saturation by 10% instead.



536F27



536F27

FFFFFF



3A560E



87A358



233F00



A1BE71



092900



BDDA8B



001400



D9F6A6



000000



F6FFC1



FFFFDD



FFFFFFA



536F27



536F27

■ 4F6F1C

■ 576F32

■ 4A6F11

■ 5C6F3D

■ 466F06

■ 606F48

■ 446F00

■ 646F53

■ 696F5F

■ 6D6F6A

■ 716F75

■ 766F80

■ 7A6F8B

Harmonies

Analogous

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



77651B



536F27



1D7544

Triad

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



536F27



0072A4



A54665

Complementary

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



536F27



43276F

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.



934E88



536F27



1869AC

Square

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



536F27



00778B



6B5CA2



A44B43

Rectangle

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



536F27



00775C



6B5CA2



A14771

Sweetspot

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



536F27



879176



6F4327



434A39



C9C9C9



4A4A4A

Same Dimension

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



536F27



659120



2F6F27



363832



497800



97F700

Inverse Universe

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



43276F



4C2091



67276F



353238



2F0078



6000F7

Previews

White Background



This preview shows how the Hex color 536F27 looks on a white background.

Color Contrast Check

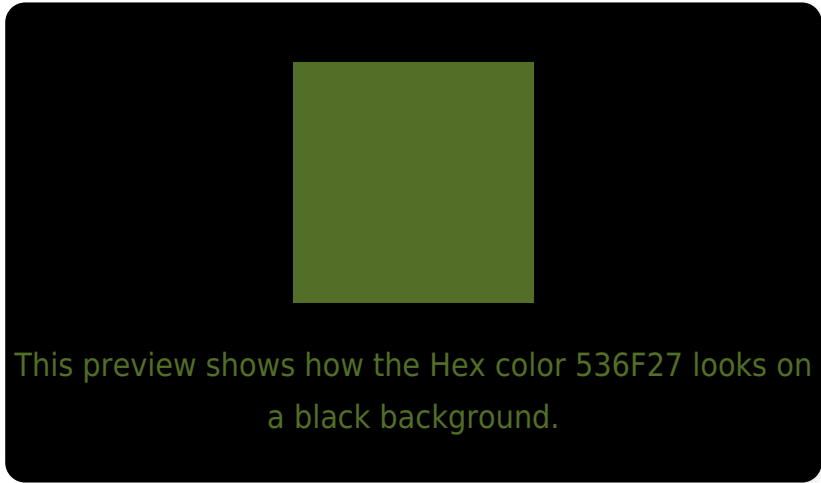
Large Text (above 18pt) WCAG AA ✓ Pass

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

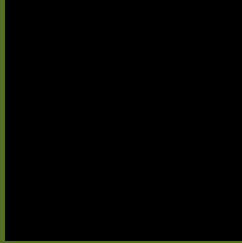
Any Text WCAG AA × Fail

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 536F27 Background



This preview shows how black text looks on a background with the Hex color 536F27.



This preview shows how white text looks on a background with the Hex color 536F27.

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
536F27

Protanopia
726625

Deuteranopia
7F612B



Tritanopia
5C6870

Trichromacy



Original Color
536F27

Protanomaly
676926

Deuteranomaly
6F662A

Tritanomaly
596B55

Monochromacy



Original Color
536F27

Achromatopsia
5E5E5E

Achromatomaly
5A644A

CSS Examples

Text

The CSS property to change the color of the text to Hex 536F27 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 #536F27 looks like.

```
.text, #text, p{  
    color:#536F27  
}
```

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 #536F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536F27
}
```

Border

The CSS property to change the border of an element to Hex 536F27 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
#536F27 }
```

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

```
.border{ border-color:#536F27 }
```

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

Here you see how a box with a 4 pixel #536F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536F27; -webkit-box-shadow:4px 4px  
4px 4px #536F27; box-shadow:4px 4px 4px  
4px #536F27 }
```

Background

The CSS property to change the background color of an element to Hex 536F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536F27 }
```

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

```
.background{ background-color:#536F27 }
```

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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