

Converting Colors

Hex(507931)

Have a look what the booklet for
Hex(507931) contains.

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Color

Hex(507931)

Conversions

Conversions Part 1

Format	Color
Hex	507931
RGB	80, 121, 49
RGB Percent	31%, 47%, 19%
CMY	0.6863, 0.5255, 0.8078
CMYK	0.34, 0.00, 0.60, 0.53
HSL	94°, 42%, 33%
HSV	94°, 60%, 47%
XYZ	10.7000, 15.6020, 5.3533
YIQ	100.5330, -1.3240, -31.0840

Conversions

Conversions Part 2

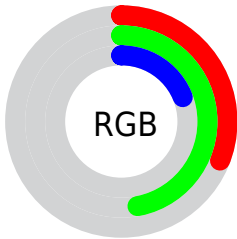
Format	Color
RYB	49, 121, 90
Decimal	5273905
CIELab	46.45, -27.75, 34.40
CIELCh	46, 44.195, 128.887
Yxy	15.6020, 0.3380, 0.4929
Android (android.graphics.Color)	4283463985 (0xFF507931)
YUV	100.5330, -25.4058, -18.0074
Hunter-Lab	39.4993, -20.7698, 19.6141

Details

The Hex color **507931** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A3179**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **84AE62**, and **1E4800** is the 20% darker color. If you saturate the color by 10%, you get **497925**, and if you desaturate by 10%, it is **57793D**.

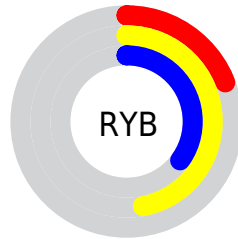
Distribution



Red (31%)

Green (47%)

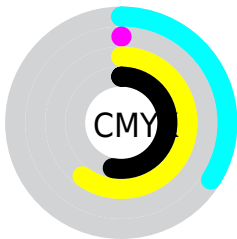
Blue (19%)



Red (19%)

Yellow (47%)

Blue (35%)

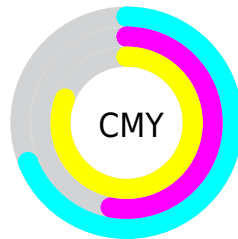


Cyan (34%)

Magenta (0%)

Yellow (60%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507931 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 507931 by changing the saturation by 10% instead.

■ 507931

■ 507931

FFFFFF

■ 376019

■ 84AE62

■ 1E4800

■ 9FC97B

■ 043100

■ BAE596

■ 001F00

■ D6FFB1

■ 000000

■ F3FFCC

■ FFFFE9

■ 507931

■ 507931

■ 497925

■ 57793D

■ 427919

■ 5E7949

■ 3B790D

■ 657955

■ 347901

■ 6C7961

■ 347900

■ 72796D

■ 79797A

■ 807986

■ 877992

■ 8E799E

Harmonies

Analogous

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



78701F



507931



007E52

Triad

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



507931



0079B3



B24C64

Complementary

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



507931



5A3179

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.



A4518A



507931



3B6EB7

Square

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



507931



007F9C



7F60A8



AC5441

Rectangle

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



507931



00806B



7F60A8



B04C71

Sweetspot

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



507931



8E9E82



795A31



454F3E



CFCFCF



4F4F4F

Same Dimension

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



507931



5E9E2E



317936



3A3D37



367D00



6DFC00

Inverse Universe

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



5A3179



6E2E9E



793174



3B373D



47007D



9000FC

Previews

White Background



This preview shows how the Hex color 507931 looks on a white background.

Color Contrast Check

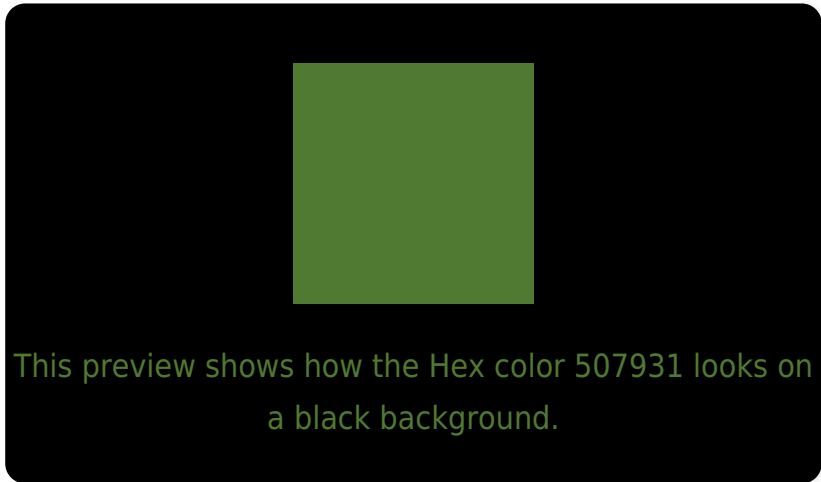
Large Text (above 18pt) WCAG AA ✓ Pass

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

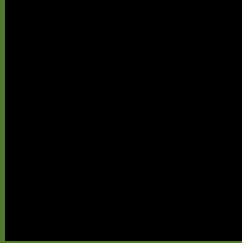
Any Text WCAG AA × Fail

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 507931 Background



This preview shows how black text looks on a background with the Hex color 507931.



This preview shows how white text looks on a background with the Hex color 507931.

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
507931

Protanopia
7A6E2E

Deuteranopia
876836



Tritanopia
5B717B

Trichromacy



Original Color
507931

Protanomaly
6B722F

Deuteranomaly
736E34

Tritanomaly
577460

Monochromacy



Original Color
507931

Achromatopsia
656565

Achromatomaly
5D6C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 507931 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 #507931 looks like.

```
.text, #text, p{  
    color:#507931  
}
```

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 #507931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507931
}
```

Border

The CSS property to change the border of an element to Hex 507931 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".

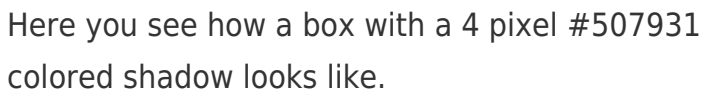
```
.border, #border, table{ border:4px solid
#507931 }
```

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

```
.border{ border-color:#507931 }
```

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

Here you see how a box with a 4 pixel #507931 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507931; -webkit-box-shadow:4px 4px  
4px 4px #507931; box-shadow:4px 4px 4px  
4px #507931 }
```

Background

The CSS property to change the background color of an element to Hex 507931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507931 }
```

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

```
.background{ background-color:#507931 }
```

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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