

Converting Colors

Hex(906D31)

Have a look what the booklet for
Hex(906D31) contains.

Hex(906D31)	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(906D31)

Conversions

Conversions Part 1

Format	Color
Hex	906D31
RGB	144, 109, 49
RGB Percent	56%, 43%, 19%
CMY	0.4353, 0.5725, 0.8078
CMYK	0.00, 0.24, 0.66, 0.44
HSL	38°, 49%, 38%
HSV	38°, 66%, 56%
XYZ	17.5246, 17.0883, 5.2805
YIQ	112.6250, 40.1200, -11.2400

Conversions

Conversions Part 2

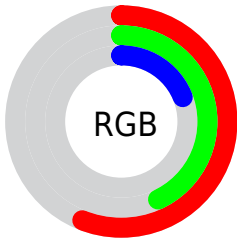
Format	Color
RYB	104, 144, 49
Decimal	9465137
CIELab	48.37, 7.12, 38.05
CIElCh	48, 38.710, 79.402
Yxy	17.0883, 0.4393, 0.4283
Android (android.graphics.Color)	4287655217 (0xFF906D31)
YUV	112.6250, -31.3671, 27.5159
Hunter-Lab	41.3380, 3.3308, 21.3630

Details

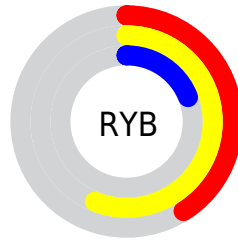
The Hex color **906D31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **315490**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C8A062**, and **5A3E00** is the 20% darker color. If you saturate the color by 10%, you get **906823**, and if you desaturate by 10%, it is **90723F**.

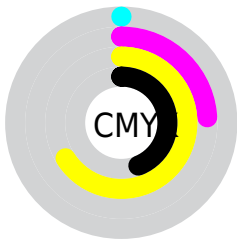
Distribution



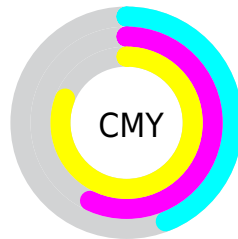
- Red (56%)
- Green (43%)
- Blue (19%)



- Red (41%)
- Yellow (56%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (66%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 906D31 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 906D31 by changing the saturation by 10% instead.

 906D31

 906D31

FFFFFF

 755519

 C8A062

 5A3E00

 E6BB7B

 412800

 FFD796

 271400

 FFF3B1

 000000

 FFFFCC

 FFFFEE9

 906D31

 906D31

 906823

 90723F

■ 906214

■ 90784E

■ 905D06

■ 907D5C

■ 905B00

■ 90826B

■ 908879

■ 908D87

■ 909296

■ 9097A4

■ 909DB3

Harmonies

Analogous

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



A66142



906D31



717832

Triad

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



906D31



008388



90629E

Complementary

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



906D31



315490

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.



626FB1



906D31



0081A4

Square

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



906D31



008366



007AB3



AA5880

Rectangle

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



906D31



597D3E



007AB3



8366A6

Sweetspot

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



906D31



BAAC95



903155



5E5648



DEDEDE



5E5E5E

Same Dimension

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



906D31



BA8427



859031



474540



875500



080500

Inverse Universe

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



315490



275DBA



3C3190



404347



003287



000308

Previews

White Background



This preview shows how the Hex color 906D31 looks on a white background.

Color Contrast Check

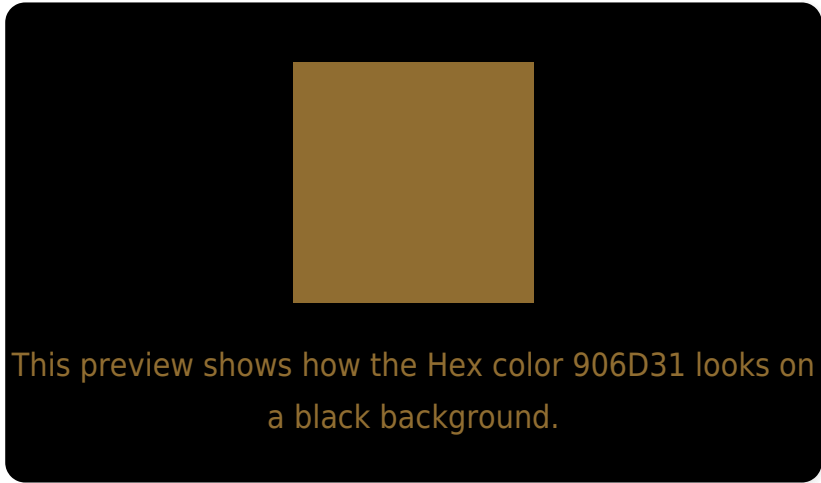
Large Text (above 18pt) WCAG AA ✓ Pass

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

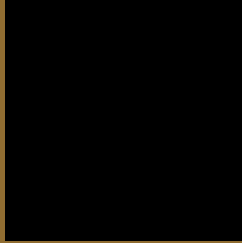
Any Text WCAG AA × Fail

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 906D31 Background



This preview shows how black text looks on a background with the Hex color 906D31.



This preview shows how white text looks on a background with the Hex color 906D31.

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
906D31

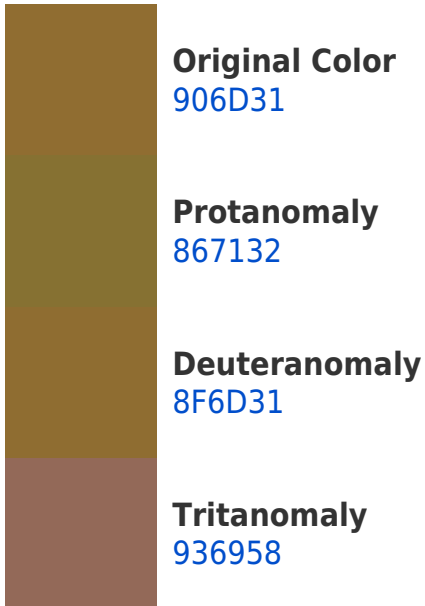
Protanopia
807333

Deuteranopia
8F6D31

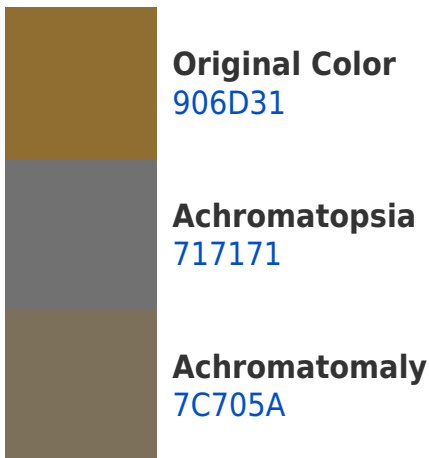


Tritanopia
95666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 906D31 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 #906D31 looks like.

```
.text, #text, p{  
    color:#906D31  
}
```

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 #906D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906D31
}
```

Border

The CSS property to change the border of an element to Hex 906D31 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
#906D31 }
```

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

```
.border{ border-color:#906D31 }
```

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

Here you see how a box with a 4 pixel #906D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906D31; -webkit-box-shadow:4px 4px  
4px 4px #906D31; box-shadow:4px 4px 4px  
4px #906D31 }
```

Background

The CSS property to change the background color of an element to Hex 906D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906D31 }
```

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

```
.background{ background-color:#906D31 }
```

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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