

Converting Colors

Hex(946C53)

Have a look what the booklet for
Hex(946C53) contains.

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Color

Hex(946C53)

Conversions

Conversions Part 1

Format	Color
Hex	946C53
RGB	148, 108, 83
RGB Percent	58%, 42%, 33%
CMY	0.4196, 0.5765, 0.6745
CMYK	0.00, 0.27, 0.44, 0.42
HSL	23°, 28%, 45%
HSV	23°, 44%, 58%
XYZ	19.1366, 17.6456, 10.5809
YIQ	117.1100, 31.8650, 0.7050

Conversions

Conversions Part 2

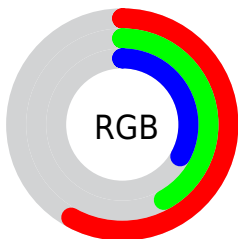
Format	Color
R_{YB}	148, 124, 83
Decimal	9727059
CIE _{Lab}	49.06, 12.61, 20.23
CIE _{LCh}	49, 23.835, 58.067
Yxy	17.6456, 0.4040, 0.3726
Android (android.graphics.Color)	4287917139 (0xFF946C53)
YUV	117.1100, -16.8162, 27.0905
Hunter-Lab	42.0066, 7.8063, 14.4702

Details

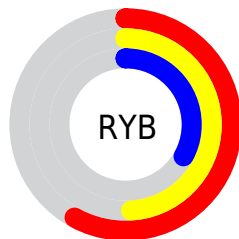
The Hex color **946C53** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **537B94**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CCA085**, and **5F3C26** is the 20% darker color. If you saturate the color by 10%, you get **946344**, and if you desaturate by 10%, it is **947562**.

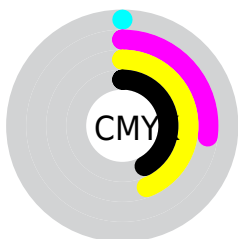
Distribution



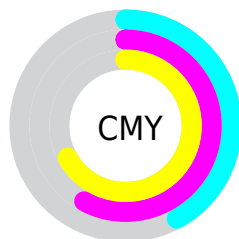
- Red (58%)
- Green (42%)
- Blue (33%)



- Red (58%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946C53 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 946C53 by changing the saturation by 10% instead.

 946C53

 946C53

FFFFFF

 79543C

 CCA085

 5F3C26

 E8BB9F

 462611

 FFD6BA

 2E1200

 FFF3D6

 140000

 FFFFF2

 000000

 946C53

 946C53

 946344

 947562

 945A35

 947E71

 945127

 94877F

 944818

 94908E

 943E09

 949A9D

 943900

 94A3AC

 94ACBB

 94B5C9

 94BED8

Harmonies

Analogous

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



9C6763



946C53



84734C

Triad

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



946C53



408073



767098

Complementary

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



946C53



537B94

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.



58779D



946C53



327F87

Square

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



946C53



577D5F



3C7C96



8D698A

Rectangle

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



946C53



76774E



3C7C96



6C729B

Sweetspot

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



946C53



BFB0A6



94537B



615751



E0E0E0



616161

Same Dimension

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



946C53



BF815A



948C53



4A4543



8A3500



0A0400

Inverse Universe

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



537B94



5A98BF



535B94



43474A



00558A



00060A

Previews

White Background



This preview shows how the Hex color 946C53 looks on a white background.

Color Contrast Check

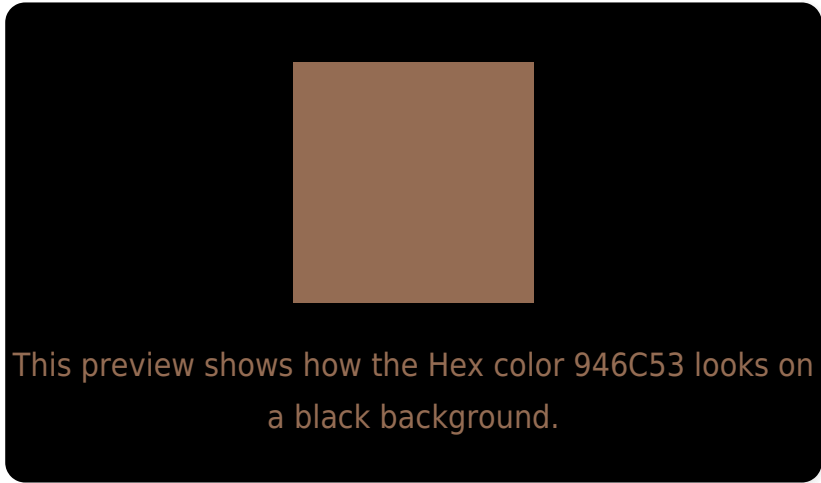
Large Text (above 18pt) WCAG AA ✓ Pass

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

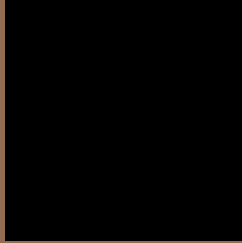
Any Text WCAG AA ✓ Pass

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 946C53 Background



This preview shows how black text looks on a background with the Hex color 946C53.



This preview shows how white text looks on a background with the Hex color 946C53.

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
946C53

Protanopia
7D7557

Deuteranopia
8B7052



Tritanopia
976870

Trichromacy



Original Color
946C53

Protanomaly
857256

Deuteranomaly
8E6F52

Tritanomaly
966965

Monochromacy



Original Color
946C53

Achromatopsia
757575

Achromatomaly
807269

CSS Examples

Text

The CSS property to change the color of the text to Hex 946C53 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 #946C53 looks like.

```
.text, #text, p{  
    color:#946C53  
}
```

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 #946C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946C53
}
```

Border

The CSS property to change the border of an element to Hex 946C53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

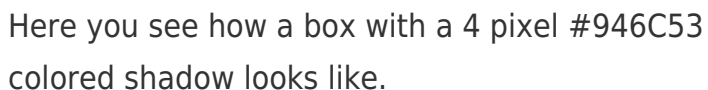
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946C53 }
```

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

```
.border{ border-color:#946C53 }
```

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



Here you see how a box with a 4 pixel #946C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946C53; -webkit-box-shadow:4px 4px  
4px 4px #946C53; box-shadow:4px 4px 4px  
4px #946C53 }
```

Background

The CSS property to change the background color of an element to Hex 946C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946C53 }
```

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

```
.background{ background-color:#946C53 }
```

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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