

Converting Colors

Hex(9B6406)

Have a look what the booklet for
Hex(9B6406) contains.

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Color

Hex(9B6406)

Conversions

Conversions Part 1

Format	Color
Hex	9B6406
RGB	155, 100, 6
RGB Percent	61%, 39%, 2%
CMY	0.3922, 0.6078, 0.9765
CMYK	0.00, 0.35, 0.96, 0.39
HSL	38°, 93%, 32%
HSV	38°, 96%, 61%
XYZ	18.1076, 16.0961, 2.3248
YIQ	105.7290, 62.9540, -17.5740

Conversions

Conversions Part 2

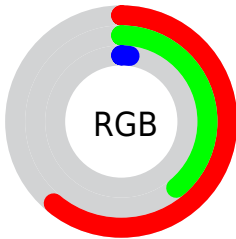
Format	Color
R_{YB}	93, 155, 6
Decimal	10183686
CIE _{Lab}	47.10, 15.72, 53.31
CIE _{LCh}	47, 55.578, 73.571
Yxy	16.0961, 0.4957, 0.4406
Android (android.graphics.Color)	4288373766 (0xFF9B6406)
YUV	105.7290, -49.1664, 43.2107
Hunter-Lab	40.1199, 10.3540, 24.6483

Details

The Hex color **9B6406** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **063D9B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D69740**, and **623500** is the 20% darker color. If you saturate the color by 10%, you get **9B6200**, and if you desaturate by 10%, it is **9B6A16**.

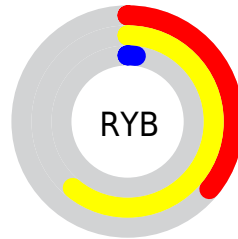
Distribution



Red (61%)

Green (39%)

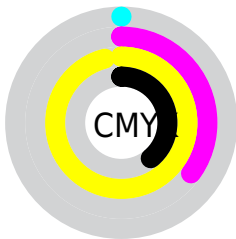
Blue (2%)



Red (36%)

Yellow (61%)

Blue (2%)

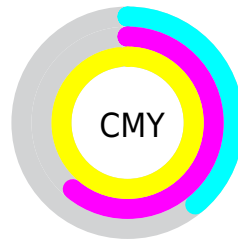


Cyan (0%)

Magenta (35%)

Yellow (96%)

Black (39%)



Cyan (39%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B6406 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 9B6406 by changing the saturation by 10% instead.



9B6406



9B6406

FFFFFF



7E4C00



D69740



623500



F4B25A



472000



FFCD74



2C0B00



FFE98F



080000



FFFFAA



000000



FFFFC6



FFFFE3



9B6406



9B6406

■ 9B6200

■ 9B6A16

■ 9B6F25

■ 9B7535

■ 9B7B44

■ 9B8154

■ 9B8663

■ 9B8C73

■ 9B9282

■ 9B9792

Harmonies

Analogous

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



B85031



9B6406



727400

Triad

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



9B6406



008584



8C59B4

Complementary

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



9B6406



063D9B

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.



316ECB



9B6406



0083AF

Square

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



9B6406



008454



007CC9



B6458B

Rectangle

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



9B6406



517C16



007CC9



7761BE

Sweetspot

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



9B6406



C9B48F



9B063F



665942



E6E6E6



666666

Same Dimension

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



9B6406



C97F00



8A9B06



4D4A45



8C5800



0D0800

Inverse Universe

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



063D9B



004AC9



17069B



45484D



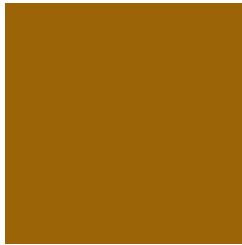
00348C



00050D

Previews

White Background



This preview shows how the Hex color 9B6406 looks on a white background.

Color Contrast Check

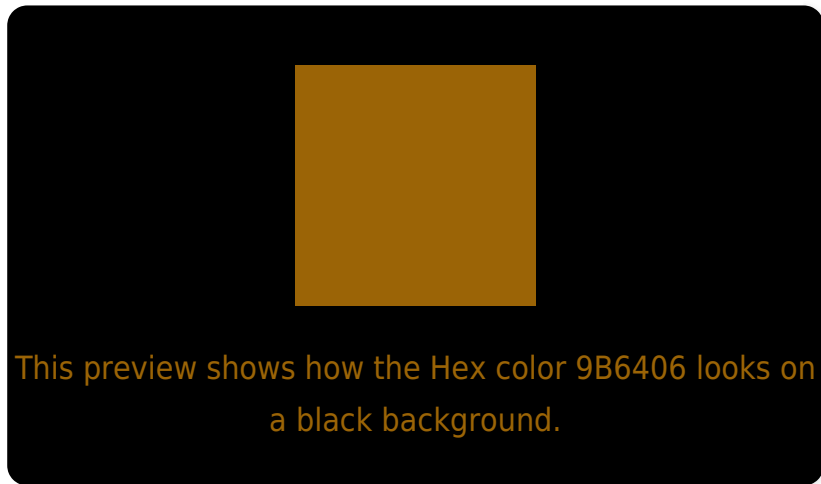
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B6406 Background



This preview shows how black text looks on a background with the Hex color 9B6406.



This preview shows how white text looks on a background with the Hex color 9B6406.

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
9B6406

Protanopia
7F710C

Deuteranopia
8E6A00

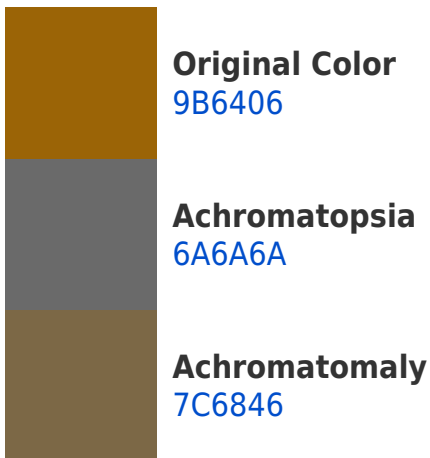


Tritanopia
9F5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B6406 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 #9B6406 looks like.

```
.text, #text, p{  
    color:#9B6406  
}
```

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 #9B6406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6406
}
```

Border

The CSS property to change the border of an element to Hex 9B6406 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
#9B6406 }
```

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

```
.border{ border-color:#9B6406 }
```

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

Here you see how a box with a 4 pixel #9B6406 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6406; -webkit-box-shadow:4px 4px  
4px 4px #9B6406; box-shadow:4px 4px 4px  
4px #9B6406 }
```

Background

The CSS property to change the background color of an element to Hex 9B6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6406 }
```

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

```
.background{ background-color:#9B6406 }
```

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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