

Converting Colors

Hex(96612B)

Have a look what the booklet for
Hex(96612B) contains.

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Color

Hex(96612B)

Conversions

Conversions Part 1

Format	Color
Hex	96612B
RGB	150, 97, 43
RGB Percent	59%, 38%, 17%
CMY	0.4118, 0.6196, 0.8314
CMYK	0.00, 0.35, 0.71, 0.41
HSL	30°, 55%, 38%
HSV	30°, 71%, 59%
XYZ	17.2884, 15.2078, 4.3097
YIQ	106.6910, 48.9220, -5.5580

Conversions

Conversions Part 2

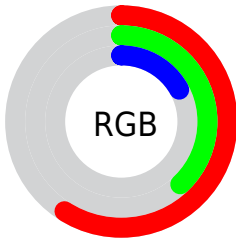
Format	Color
R_{YB}	148, 150, 43
Decimal	9855275
CIE _{Lab}	45.92, 16.41, 38.59
CIE _{LCh}	46, 41.939, 66.964
Yxy	15.2078, 0.4697, 0.4132
Android (android.graphics.Color)	4288045355 (0xFF96612B)
YUV	106.6910, -31.3997, 37.9820
Hunter-Lab	38.9972, 10.8882, 20.7457

Details

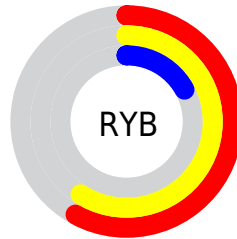
The Hex color **96612B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B6096**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D0945B**, and **5F3200** is the 20% darker color. If you saturate the color by 10%, you get **965A1C**, and if you desaturate by 10%, it is **96683A**.

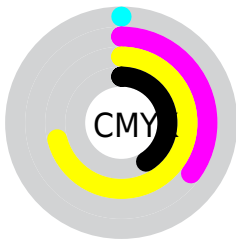
Distribution



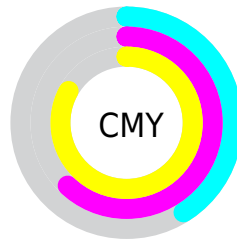
- Red (59%)
- Green (38%)
- Blue (17%)



- Red (58%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96612B 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 96612B by changing the saturation by 10% instead.

 96612B

 96612B

FFFFFF

 7A4913

 D0945B

 5F3200

 EDAE74

 441D00

 FFCA8F

 2A0700

 FFE6A9

 000000

 FFFFC5

 FFFFE1

FFFFFFE

 96612B

 96612B

■ 965A1C

■ 96683A

■ 96520D

■ 967049

■ 964C00

■ 967758

■ 967F67

■ 968676

■ 968E85

■ 969594

■ 969CA3

■ 96A4B2

Harmonies

Analogous

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



A95444



96612B



796E22

Triad

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



96612B



007E74



7A60A5

Complementary

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



96612B



2B6096

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.



386EB2



96612B



007D96

Square

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



96612B



187C50



0078AD



9E5389

Rectangle

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



96612B



61742A



0078AD



6865AB

Sweetspot

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



96612B



C2AE99



962B61



615549



E0E0E0



616161

Same Dimension

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



96612B



C26F1B



96962B



4A4643



8A4500



0A0500

Inverse Universe

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



2B6096



1B6EC2



2B2B96



43464A



00448A



00050A

Previews

White Background



This preview shows how the Hex color 96612B looks on a white background.

Color Contrast Check

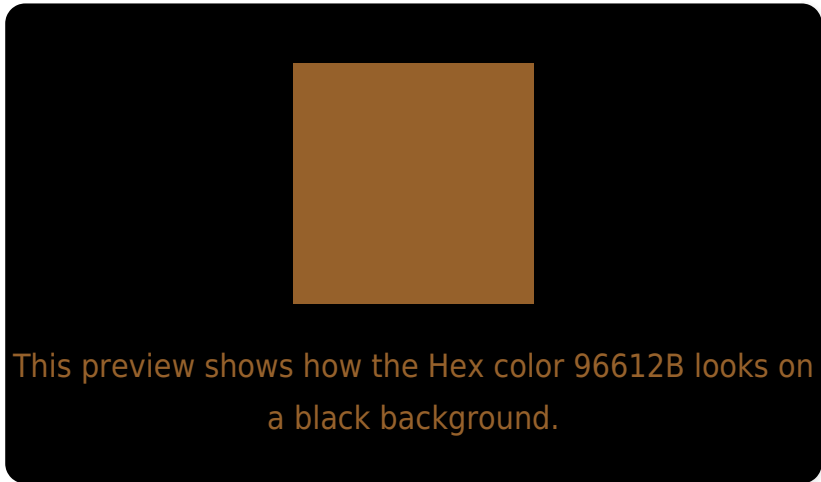
Large Text (above 18pt) WCAG AA ✓ Pass

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

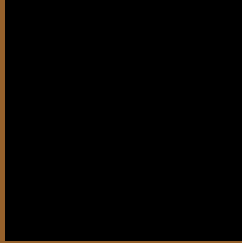
Any Text WCAG AA × Fail

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 96612B Background



This preview shows how black text looks on a background with the Hex color 96612B.



This preview shows how white text looks on a background with the Hex color 96612B.

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
96612B

Protanopia
796D2F

Deuteranopia
886829



Tritanopia
995B62

Trichromacy



Original Color
96612B

Protanomaly
84692E

Deuteranomaly
8D652A

Tritanomaly
985D4E

Monochromacy



Original Color
96612B

Achromatopsia
6B6B6B

Achromatomaly
7B6754

CSS Examples

Text

The CSS property to change the color of the text to Hex 96612B 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 #96612B looks like.

```
.text, #text, p{  
    color:#96612B  
}
```

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 #96612B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96612B
}
```

Border

The CSS property to change the border of an element to Hex 96612B 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
#96612B }
```

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

```
.border{ border-color:#96612B }
```

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

Here you see how a box with a 4 pixel #96612B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96612B; -webkit-box-shadow:4px 4px  
4px 4px #96612B; box-shadow:4px 4px 4px  
4px #96612B }
```

Background

The CSS property to change the background color of an element to Hex 96612B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96612B }
```

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

```
.background{ background-color:#96612B }
```

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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