

Converting Colors

Hex(9F3D00)

Have a look what the booklet for
Hex(9F3D00) contains.

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Color

Hex(9F3D00)

Conversions

Conversions Part 1

Format	Color
Hex	9F3D00
RGB	159, 61, 0
RGB Percent	62%, 24%, 0%
CMY	0.3765, 0.7608, 1.0000
CMYK	0.00, 0.62, 1.00, 0.38
HSL	23°, 100%, 31%
HSV	23°, 100%, 62%
XYZ	15.9668, 10.7084, 1.2254
YIQ	83.3480, 77.9890, 1.8050

Conversions

Conversions Part 2

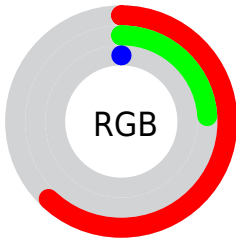
Format	Color
R _{YB}	159, 99, 0
Decimal	10435840
CIE Lab	39.08, 38.45, 50.15
CIE LCh	39, 63.198, 52.524
Yxy	10.7084, 0.5723, 0.3838
Android (android.graphics.Color)	4288625920 (0xFF9F3D00)
YUV	83.3480, -41.0906, 66.3468
Hunter-Lab	32.7237, 29.8287, 20.6864

Details

The Hex color **9F3D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00629F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DC7036**, and **630500** is the 20% darker color. If you saturate the color by 10%, you get **9F3D00**, and if you desaturate by 10%, it is **9F4710**.

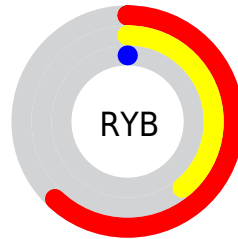
Distribution



Red (62%)

Green (24%)

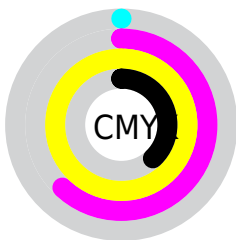
Blue (0%)



Red (62%)

Yellow (39%)

Blue (0%)

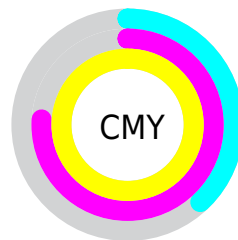


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F3D00 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 9F3D00 by changing the saturation by 10% instead.

 9F3D00

 9F3D00

 FFFFFF1

 812300

 DC7036

 630500

 FC8A4E

 460000

 FFA568

 2E0002

 FFC182

 000000

 FFDD9C

 FFFAB8

 FFFFD4

 9F3D00

 9F4710

 9F5120

 9F5A30

 9F6440

 9F6E50

 9F785F

 9F826F

 9F8B7F

 9F958F

Harmonies

Analogous

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



B31D38



9F3D00



7B5500

Triad

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



9F3D00



00714D



3254BC

Complementary

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



9F3D00



00629F

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.



0067C3



9F3D00



007282

Square

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



9F3D00



006D14



006FAE



8C389B

Rectangle

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



9F3D00



5D6100



006FAE



005CC2

Sweetspot

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



9F3D00



CFA891



9F0062



695143



E8E8E8



696969

Same Dimension

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



9F3D00



CF4F00



9F8C00



4F4A47



8F3700



0F0600

Inverse Universe

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



00629F



007FCF



00139F



474C4F



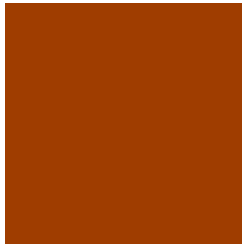
00588F



00090F

Previews

White Background



This preview shows how the Hex color 9F3D00 looks on a white background.

Color Contrast Check

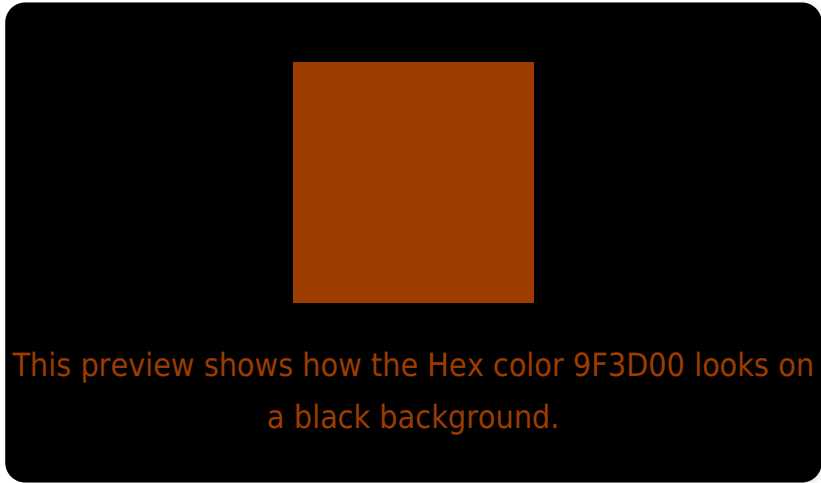
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F3D00 Background



This preview shows how black text looks on a background with the Hex color 9F3D00.



This preview shows how white text looks on a background with the Hex color 9F3D00.

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
9F3D00

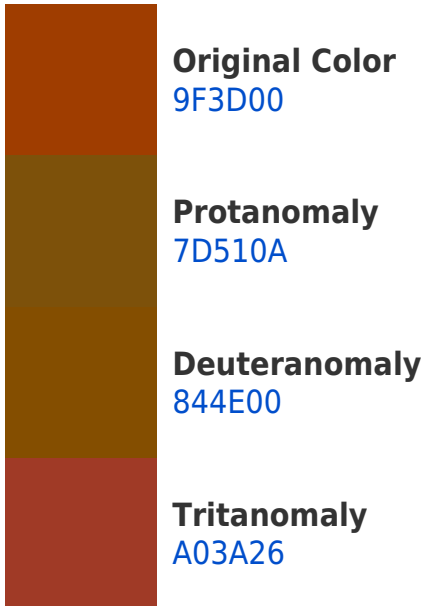
Protanopia
695D10

Deuteranopia
755800



Tritanopia
A0393C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F3D00 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 #9F3D00 looks like.

```
.text, #text, p{  
    color:#9F3D00  
}
```

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 #9F3D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3D00
}
```

Border

The CSS property to change the border of an element to Hex 9F3D00 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
#9F3D00 }
```

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

```
.border{ border-color:#9F3D00 }
```

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

Here you see how a box with a 4 pixel #9F3D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3D00; -webkit-box-shadow:4px 4px  
4px 4px #9F3D00; box-shadow:4px 4px 4px  
4px #9F3D00 }
```

Background

The CSS property to change the background color of an element to Hex 9F3D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3D00 }
```

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

```
.background{ background-color:#9F3D00 }
```

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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