

Converting Colors

Hex(935A3D)

Have a look what the booklet for
Hex(935A3D) contains.

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Color

Hex(935A3D)

Conversions

Conversions Part 1

Format	Color
Hex	935A3D
RGB	147, 90, 61
RGB Percent	58%, 35%, 24%
CMY	0.4235, 0.6471, 0.7608
CMYK	0.00, 0.39, 0.59, 0.42
HSL	20°, 41%, 41%
HSV	20°, 59%, 58%
XYZ	16.5311, 13.8523, 6.2174
YIQ	103.7370, 43.2810, 3.0650

Conversions

Conversions Part 2

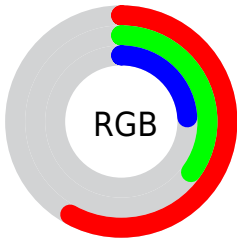
Format	Color
R_{YB}	147, 105, 61
Decimal	9656893
CIE Lab	44.02, 20.39, 26.47
CIE LCh	44, 33.411, 52.390
Yxy	13.8523, 0.4517, 0.3785
Android (android.graphics.Color)	4287846973 (0xFF935A3D)
YUV	103.7370, -21.0693, 37.9417
Hunter-Lab	37.2187, 14.1501, 16.1487

Details

The Hex color **935A3D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D7693**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CC8D6D**, and **5D2B11** is the 20% darker color. If you saturate the color by 10%, you get **93502E**, and if you desaturate by 10%, it is **93644C**.

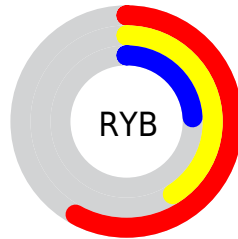
Distribution



Red (58%)

Green (35%)

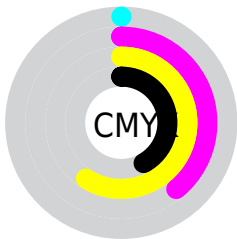
Blue (24%)



Red (58%)

Yellow (41%)

Blue (24%)

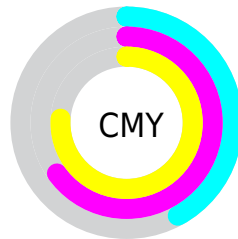


Cyan (0%)

Magenta (39%)

Yellow (59%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935A3D 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 935A3D by changing the saturation by 10% instead.

 935A3D

 935A3D

FFFFFF

 774227

 CC8D6D

 5D2B11

 E9A787

 431500

 FFC2A1

 2A0000

 FFDEBC

 000000

 FFFBD8

 FFFFF4

 935A3D

 935A3D

 93502E

 93644C

■ 934720

■ 936D5A

■ 933D11

■ 937769

■ 933302

■ 938178

■ 933200

■ 938B87

■ 939495

■ 939EA4

■ 93A8B3

■ 93B2C1

Harmonies

Analogous

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



9D5254



935A3D



7F6430

Triad

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



935A3D



0D7660



5F649B

Complementary

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



935A3D



3D7693

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.



266D9F



935A3D



00767C

Square

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



935A3D



437345



007393



84598A

Rectangle

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



935A3D



6E6A30



007393



4F679E

Sweetspot

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



935A3D



BFA89D



933D76



61534C



E0E0E0



616161

Same Dimension

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



935A3D



BF6739



93853D



4A4543



8A2E00



0A0300

Inverse Universe

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



3D7693



3992BF



3D4B93



43474A



005B8A



00070A

Previews

White Background



This preview shows how the Hex color 935A3D looks on a white background.

Color Contrast Check

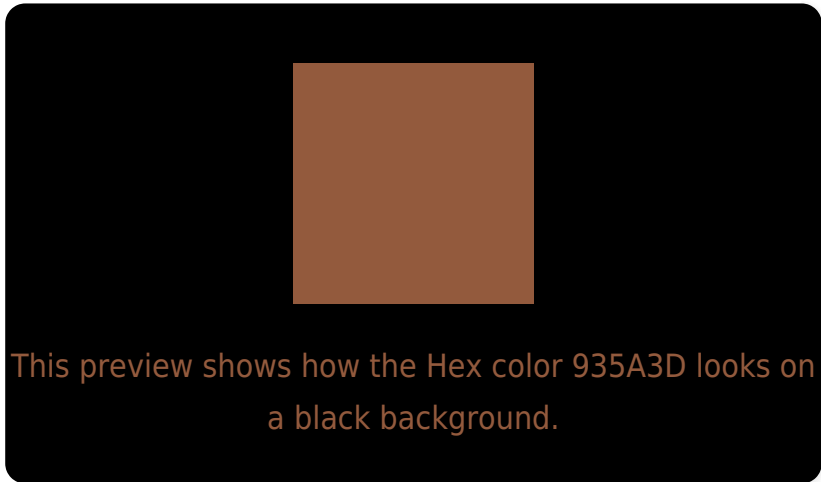
Large Text (above 18pt) WCAG AA ✓ Pass

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 935A3D Background



This preview shows how black text looks on a background with the Hex color 935A3D.



This preview shows how white text looks on a background with the Hex color 935A3D.

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
935A3D

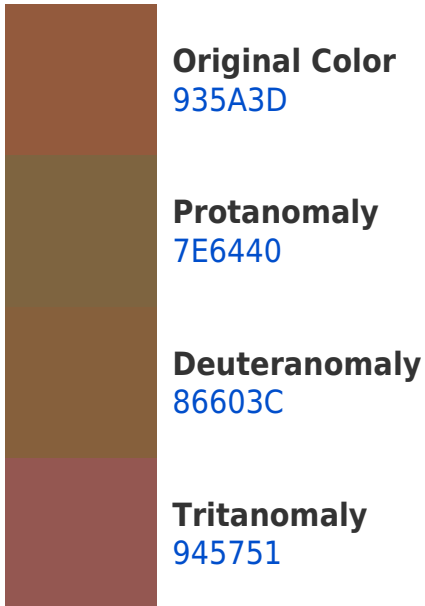
Protanopia
726942

Deuteranopia
7F643B

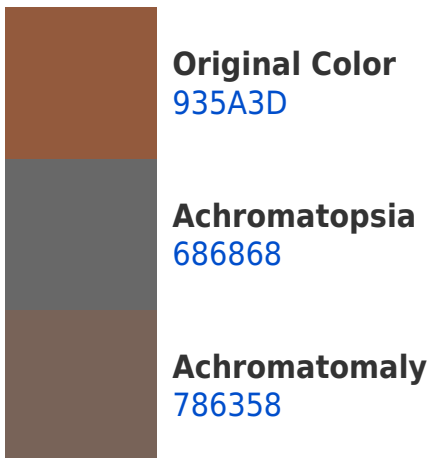


Tritanopia
95565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 935A3D 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 #935A3D looks like.

```
.text, #text, p{  
    color:#935A3D  
}
```

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 #935A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935A3D
}
```

Border

The CSS property to change the border of an element to Hex 935A3D 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
#935A3D }
```

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

```
.border{ border-color:#935A3D }
```

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

Here you see how a box with a 4 pixel #935A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935A3D; -webkit-box-shadow:4px 4px  
4px 4px #935A3D; box-shadow:4px 4px 4px  
4px #935A3D }
```

Background

The CSS property to change the background color of an element to Hex 935A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935A3D }
```

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

```
.background{ background-color:#935A3D }
```

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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