

Converting Colors

Hex(935D40)

Have a look what the booklet for
Hex(935D40) contains.

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Color

Hex(935D40)

Conversions

Conversions Part 1

Format	Color
Hex	935D40
RGB	147, 93, 64
RGB Percent	58%, 36%, 25%
CMY	0.4235, 0.6353, 0.7490
CMYK	0.00, 0.37, 0.56, 0.42
HSL	21°, 39%, 41%
HSV	21°, 56%, 58%
XYZ	16.8724, 14.4019, 6.7411
YIQ	105.8400, 41.4930, 2.4290

Conversions

Conversions Part 2

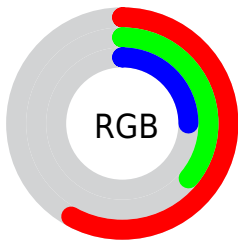
Format	Color
R_{YB}	147, 109, 64
Decimal	9657664
CIE _{Lab}	44.80, 18.92, 25.71
CIE _{LCh}	45, 31.925, 53.654
Yxy	14.4019, 0.4438, 0.3788
Android (android.graphics.Color)	4287847744 (0xFF935D40)
YUV	105.8400, -20.6271, 36.0973
Hunter-Lab	37.9498, 12.9483, 16.0332

Details

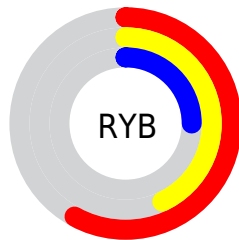
The Hex color **935D40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **407693**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **CC9070**, and **5D2E14** is the 20% darker color. If you saturate the color by 10%, you get **935331**, and if you desaturate by 10%, it is **93674F**.

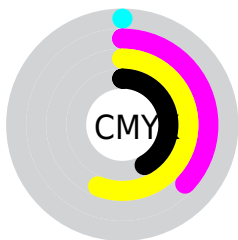
Distribution



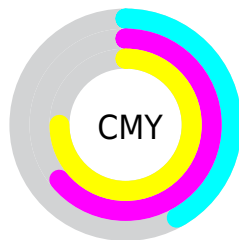
- Red (58%)
- Green (36%)
- Blue (25%)



- Red (58%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935D40 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 935D40 by changing the saturation by 10% instead.

 935D40

 935D40

FFFFFF

 784529

 CC9070

 5D2E14

 E9AA8A

 441800

 FFC6A4

 2A0200

 FFE2C0

 000000

 FFFEDB

 FFFFF8

 935D40

 935D40

 935331

 93674F

■ 934A23

■ 93705D

■ 934014

■ 937A6C

■ 933705

■ 93837B

■ 933300

■ 938D8A

■ 939698

■ 93A0A7

■ 93AAB6

■ 93B3C4

Harmonies

Analogous

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



9D5656



935D40



7F6734

Triad

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



935D40



187763



64659B

Complementary

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



935D40



407693

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.



326E9F



935D40



00787E

Square

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



935D40



467549



007594



865B8A

Rectangle

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



935D40



6F6C35



007594



55699E

Sweetspot

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



935D40



BFAA9F



934077



61544E



E0E0E0



616161

Same Dimension

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



935D40



BF6B3D



938540



4A4543



8A3000



0A0400

Inverse Universe

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



407693



3D92BF



404E93



43474A



005A8A



00070A

Previews

White Background



This preview shows how the Hex color 935D40 looks on a white background.

Color Contrast Check

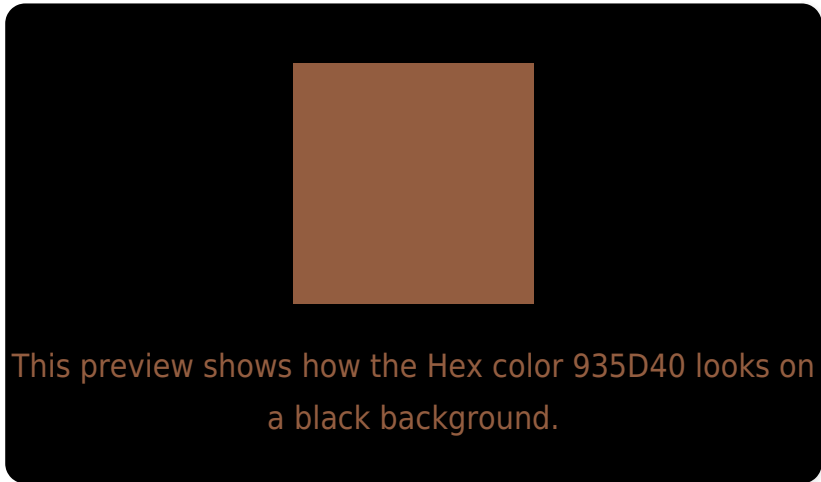
Large Text (above 18pt) WCAG AA ✓ Pass

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

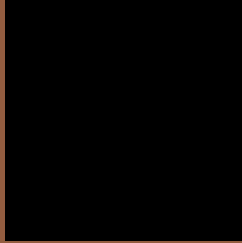
Any Text WCAG AA × Fail

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 935D40 Background



This preview shows how black text looks on a background with the Hex color 935D40.



This preview shows how white text looks on a background with the Hex color 935D40.

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
935D40

Protanopia
746A45

Deuteranopia
81663E



Tritanopia
955960

Trichromacy



Original Color
935D40

Protanomaly
7F6543

Deuteranomaly
88633F

Tritanomaly
945A54

Monochromacy



Original Color
935D40

Achromatopsia
6A6A6A

Achromatomaly
79655B

CSS Examples

Text

The CSS property to change the color of the text to Hex 935D40 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 #935D40 looks like.

```
.text, #text, p{  
    color:#935D40  
}
```

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 #935D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935D40
}
```

Border

The CSS property to change the border of an element to Hex 935D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

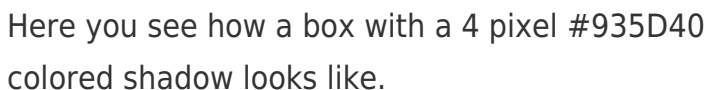
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935D40 }
```

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

```
.border{ border-color:#935D40 }
```

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



Here you see how a box with a 4 pixel #935D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935D40; -webkit-box-shadow:4px 4px  
4px 4px #935D40; box-shadow:4px 4px 4px  
4px #935D40 }
```

Background

The CSS property to change the background color of an element to Hex 935D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935D40 }
```

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

```
.background{ background-color:#935D40 }
```

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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