

Converting Colors

Hex(935E34)

Have a look what the booklet for
Hex(935E34) contains.

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Color

Hex(935E34)

Conversions

Conversions Part 1

Format	Color
Hex	935E34
RGB	147, 94, 52
RGB Percent	58%, 37%, 20%
CMY	0.4235, 0.6314, 0.7961
CMYK	0.00, 0.36, 0.65, 0.42
HSL	27°, 48%, 39%
HSV	27°, 65%, 58%
XYZ	16.6552, 14.4564, 5.1614
YIQ	105.0590, 45.0700, -1.8260

Conversions

Conversions Part 2

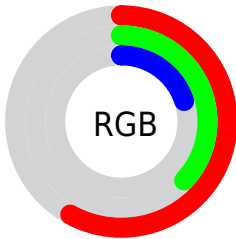
Format	Color
RYB	147, 127, 52
Decimal	9657908
CIELab	44.88, 17.38, 32.58
CIElCh	45, 36.929, 61.926
Yxy	14.4564, 0.4592, 0.3985
Android (android.graphics.Color)	4287847988 (0xFF935E34)
YUV	105.0590, -26.1581, 36.7823
Hunter-Lab	38.0216, 11.6534, 18.5666

Details

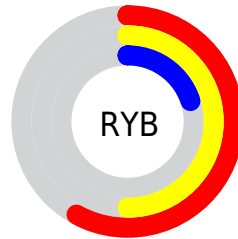
The Hex color **935E34** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **346993**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CC9164**, and **5C2F06** is the 20% darker color. If you saturate the color by 10%, you get **935625**, and if you desaturate by 10%, it is **936643**.

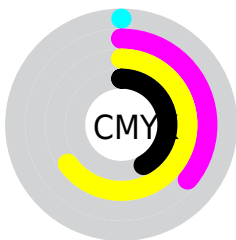
Distribution



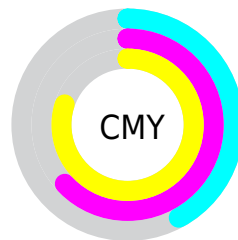
- Red (58%)
- Green (37%)
- Blue (20%)



- Red (58%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (65%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935E34 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 935E34 by changing the saturation by 10% instead.



935E34



935E34

FFFFFF



77461D



CC9164



5C2F06



E9AB7D



421A00



FFC797



290300



FFE3B2



000000



FFFFCE



FFFFEA



935E34



935E34



935625



936643

■ 934E17

■ 936E51

■ 934508

■ 937760

■ 934100

■ 937F6F

■ 93877D

■ 938F8C

■ 93979B

■ 93A0AA

■ 93A8B8

Harmonies

Analogous

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



A2544B



935E34



7A692A

Triad

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



935E34



007A6B



6F619F

Complementary

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



935E34



346993

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.



356DA8



935E34



00798A

Square

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



935E34



32774C



0075A0



925688

Rectangle

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



935E34



666F2F



0075A0



5F65A3

Sweetspot

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



935E34



BFAB9B



93346A



61544B



E0E0E0



616161

Same Dimension

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



935E34



BF6C2A



938D34



4A4643



8A3D00



0A0500

Inverse Universe

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



346993



2A7DBF



343A93



43474A



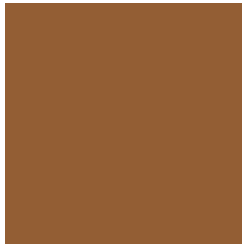
004D8A



00060A

Previews

White Background



This preview shows how the Hex color 935E34 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

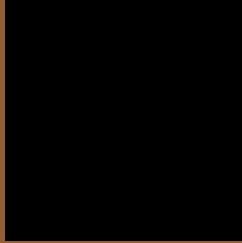
Any Text WCAG AA × Fail

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 935E34 Background



This preview shows how black text looks on a background with the Hex color 935E34.



This preview shows how white text looks on a background with the Hex color 935E34.

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
935E34

Protanopia
766B38

Deuteranopia
846532



Tritanopia
965960

Trichromacy



Original Color
935E34

Protanomaly
816637

Deuteranomaly
896233

Tritanomaly
955B50

Monochromacy



Original Color
935E34

Achromatopsia
696969

Achromatomaly
786556

CSS Examples

Text

The CSS property to change the color of the text to Hex 935E34 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 #935E34 looks like.

```
.text, #text, p{  
    color:#935E34  
}
```

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 #935E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935E34
}
```

Border

The CSS property to change the border of an element to Hex 935E34 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
#935E34 }
```

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

```
.border{ border-color:#935E34 }
```

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

Here you see how a box with a 4 pixel #935E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935E34; -webkit-box-shadow:4px 4px  
4px 4px #935E34; box-shadow:4px 4px 4px  
4px #935E34 }
```

Background

The CSS property to change the background color of an element to Hex 935E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935E34 }
```

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

```
.background{ background-color:#935E34 }
```

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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