

Converting Colors

Hex(935E00)

Have a look what the booklet for
Hex(935E00) contains.

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Color

Hex(935E00)

Conversions

Conversions Part 1

Format	Color
Hex	935E00
RGB	147, 94, 0
RGB Percent	58%, 37%, 0%
CMY	0.4235, 0.6314, 1.0000
CMYK	0.00, 0.36, 1.00, 0.42
HSL	38°, 100%, 29%
HSV	38°, 100%, 58%
XYZ	16.0353, 14.2085, 1.8974
YIQ	99.1310, 61.7620, -17.9980

Conversions

Conversions Part 2

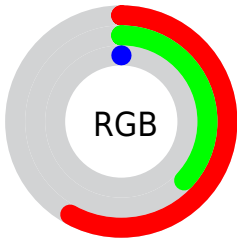
Format	Color
R_{YB}	83, 147, 0
Decimal	9657856
CIE _{Lab}	44.53, 15.37, 52.51
CIE _{LCh}	45, 54.716, 73.682
Yxy	14.2085, 0.4989, 0.4421
Android (android.graphics.Color)	4287847936 (0xFF935E00)
YUV	99.1310, -48.8716, 41.9811
Hunter-Lab	37.6941, 9.9704, 23.4015

Details

The Hex color **935E00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003593**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CE903C**, and **5B3000** is the 20% darker color. If you saturate the color by 10%, you get **935E00**, and if you desaturate by 10%, it is **93630F**.

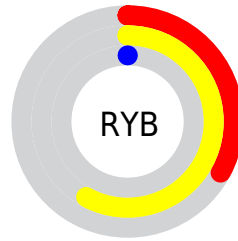
Distribution



Red (58%)

Green (37%)

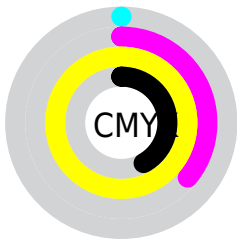
Blue (0%)



Red (33%)

Yellow (58%)

Blue (0%)

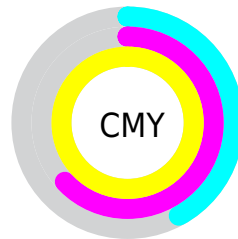


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935E00 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 935E00 by changing the saturation by 10% instead.

 935E00

 935E00

 FFFFFA

 774600

 CE903C

 5B3000

 ECAB55

 3F1B00

 FFC66F

 270400

 FFE28A

 000000

 FFFFA5

 FFFFC0

 FFFFDD

 935E00

 93630F

 93691D

 936E2C

 93733B

 93794A

 937E58

 938367

 938876

 938E84

Harmonies

Analogous

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



AF4A2C



935E00



6B6E00

Triad

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



935E00



007E7E



8553AC

Complementary

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



935E00



003593

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.



2968C2



935E00



007CA7

Square

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



935E00



007D4E



0075C1



AE3F84

Rectangle

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



935E00



4B7511



0075C1



705BB6

Sweetspot

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



935E00



BFAB86



930036



61543E



E0E0E0



616161

Same Dimension

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



935E00



BF7A00



7F9300



4A4743



8A5800



0A0700

Inverse Universe

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



003593



0045BF



140093



43454A



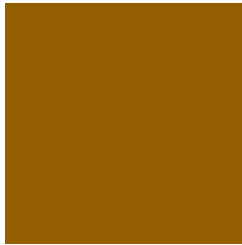
00328A



00040A

Previews

White Background



This preview shows how the Hex color 935E00 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 935E00 Background



This preview shows how black text looks on a background with the Hex color 935E00.



This preview shows how white text looks on a background with the Hex color 935E00.

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
935E00

Protanopia
776A0A

Deuteranopia
866400

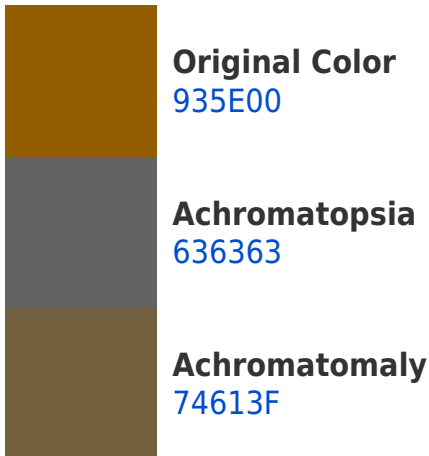


Tritanopia
97575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 935E00 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 #935E00 looks like.

```
.text, #text, p{  
    color:#935E00  
}
```

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 #935E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935E00
}
```

Border

The CSS property to change the border of an element to Hex 935E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

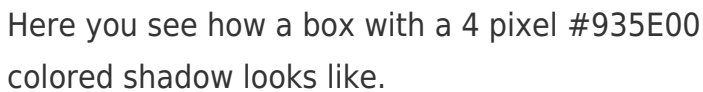
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935E00 }
```

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

```
.border{ border-color:#935E00 }
```

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



Here you see how a box with a 4 pixel #935E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935E00; -webkit-box-shadow:4px 4px  
4px 4px #935E00; box-shadow:4px 4px 4px  
4px #935E00 }
```

Background

The CSS property to change the background color of an element to Hex 935E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935E00 }
```

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

```
.background{ background-color:#935E00 }
```

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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