

Converting Colors

Hex(935401)

Have a look what the booklet for
Hex(935401) contains.

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Color

Hex(935401)

Conversions

Conversions Part 1

Format	Color
Hex	935401
RGB	147, 84, 1
RGB Percent	58%, 33%, 0%
CMY	0.4235, 0.6706, 0.9961
CMYK	0.00, 0.43, 0.99, 0.42
HSL	34°, 99%, 29%
HSV	34°, 99%, 58%
XYZ	15.2084, 12.5459, 1.6487
YIQ	93.3750, 64.1910, -12.4570

Conversions

Conversions Part 2

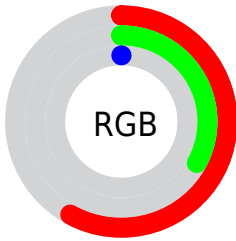
Format	Color
RYB	112, 147, 1
Decimal	9655297
CIELab	42.07, 21.14, 50.64
CIElCh	42, 54.878, 67.341
Yxy	12.5459, 0.5172, 0.4267
Android (android.graphics.Color)	4287845377 (0xFF935401)
YUV	93.3750, -45.5409, 47.0291
Hunter-Lab	35.4202, 14.6576, 22.0343

Details

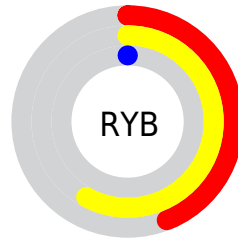
The Hex color **935401** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **014093**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **CE863A**, and **5A2600** is the 20% darker color. If you saturate the color by 10%, you get **935400**, and if you desaturate by 10%, it is **935A10**.

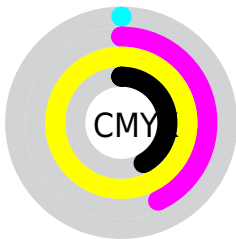
Distribution



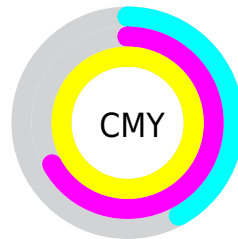
- Red (58%)
- Green (33%)
- Blue (0%)



- Red (44%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (99%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935401 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 935401 by changing the saturation by 10% instead.

 935401

 935401

 FFFFF7

 763C00

 CE863A

 5A2600

 EDA053

 3F1100

 FFBB6D

 270000

 FFD787

 000000

 FFF4A2

 FFFFBE

 FFFFDA

 935401

 935401

■ 935400

■ 935A10

■ 93611E

■ 93672D

■ 936D3C

■ 93744A

■ 937A59

■ 938068

■ 938777

■ 938D85

Harmonies

Analogous

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



AC3F2F



935401



6E6500

Triad

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



935401



00786E



7252AC

Complementary

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



935401



014093

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.



0065BE



935401



007799

Square

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



935401



00753E



0071B7



A13C87

Rectangle

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



935401



4F6D00



0071B7



5859B4

Sweetspot

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



935401



BFA686



930140



61523E



E0E0E0



616161

Same Dimension

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



935401



BF6D00



899301



4A4743



8A4E00



0A0600

Inverse Universe

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



014093



0053BF



0B0193



43464A



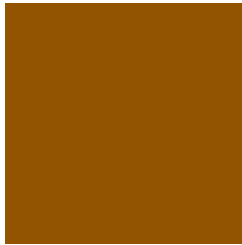
003B8A



00040A

Previews

White Background



This preview shows how the Hex color 935401 looks on a white background.

Color Contrast Check

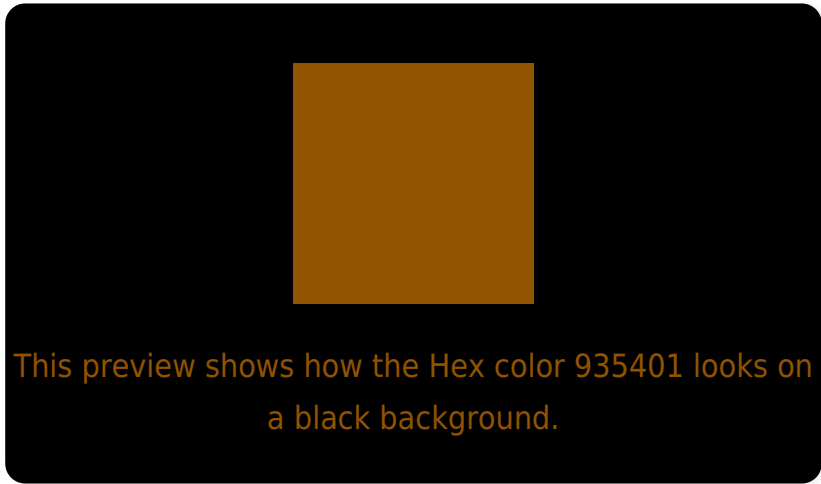
Large Text (above 18pt) WCAG AA ✓ Pass

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 935401 Background



This preview shows how black text looks on a background with the Hex color 935401.



This preview shows how white text looks on a background with the Hex color 935401.

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
935401

Protanopia
71640C

Deuteranopia
7E5F00



Tritanopia
964E54

Trichromacy



Original Color
935401

Protanomaly
7D5E08

Deuteranomaly
865B00

Tritanomaly
955036

Monochromacy



Original Color
935401

Achromatopsia
5D5D5D

Achromatomaly
715A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 935401 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 #935401 looks like.

```
.text, #text, p{  
    color:#935401  
}
```

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 #935401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935401
}
```

Border

The CSS property to change the border of an element to Hex 935401 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
#935401 }
```

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

```
.border{ border-color:#935401 }
```

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

Here you see how a box with a 4 pixel #935401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935401; -webkit-box-shadow:4px 4px  
4px 4px #935401; box-shadow:4px 4px 4px  
4px #935401 }
```

Background

The CSS property to change the background color of an element to Hex 935401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935401 }
```

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

```
.background{ background-color:#935401 }
```

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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