

# Converting Colors

Hex(935F29)

Have a look what the booklet for  
Hex(935F29) contains.

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**Color**

**Hex(935F29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	935F29
RGB	147, 95, 41
RGB Percent	58%, 37%, 16%
CMY	0.4235, 0.6275, 0.8392
CMYK	0.00, 0.35, 0.72, 0.42
HSL	31°, 56%, 37%
HSV	31°, 72%, 58%
XYZ	16.5251, 14.5476, 4.0348
YIQ	104.3920, 48.3260, -5.7700

# Conversions

## Conversions Part 2

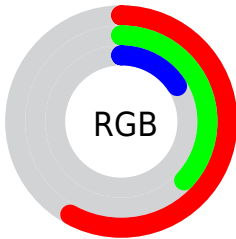
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 147, 41
Decimal	9658153
CIE <sub>Lab</sub>	45.01, 16.10, 38.51
CIE <sub>LCh</sub>	45, 41.738, 67.312
Yxy	14.5476, 0.4707, 0.4144
Android (android.graphics.Color)	4287848233 (0xFF935F29)
YUV	104.3920, -31.2523, 37.3672
Hunter-Lab	38.1413, 10.5896, 20.4268

# Details

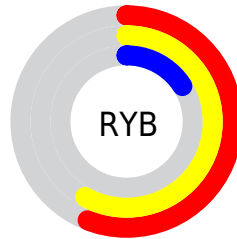
The Hex color **935F29** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **295D93**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CC9259**, and **5C3100** is the 20% darker color. If you saturate the color by 10%, you get **93581A**, and if you desaturate by 10%, it is **936638**.

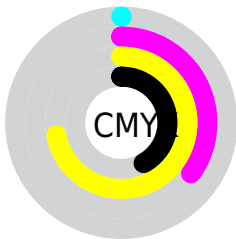
# Distribution



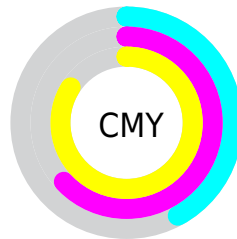
- Red (58%)
- Green (37%)
- Blue (16%)



- Red (56%)
- Yellow (58%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 935F29 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 935F29 by changing the saturation by 10% instead.



 935F29

 935F29

FFFFFF

 774711

 CC9259

 5C3100

 EAAC72

 411B00

 FFC88C

 280500

 FFE4A7

 000000

 FFFFC3

 FFFFDF

 FFFFFB

 935F29

 935F29

■ 93581A

■ 936638

■ 93510C

■ 936D46

■ 934B00

■ 937555

■ 937C64

■ 938372

■ 938A81

■ 939190

■ 93999F

■ 93A0AD

# Harmonies

## Analogous

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



A65242



935F29



766B21

# Triad

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



935F29



007C72



785EA2

# Complementary

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



935F29



295D93

# 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.



376BB0



935F29



007A94

# Square

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



935F29



147A4E



0075AA



9C5086

# Rectangle

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



935F29



5E7229



0075AA



6663A8



# Sweetspot

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



935F29



BFAB95



93295E



615548



E0E0E0



616161



# Same Dimension

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



935F29



BF6E19



939329



4A4643



8A4600



0A0500



# Inverse Universe

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



295D93



196ABF



292993



43464A



00448A



00050A



# Previews

## White Background



This preview shows how the Hex color 935F29 looks on a white background.

## Color Contrast Check

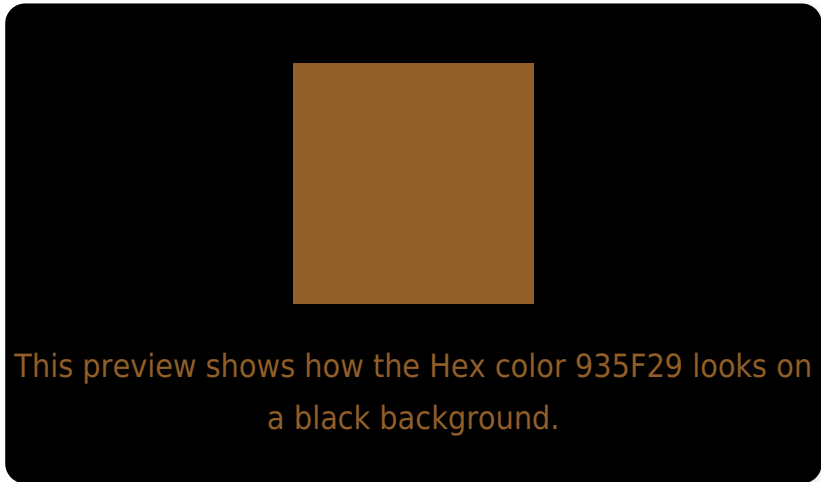
Large Text (above 18pt) WCAG AA ✓ Pass

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

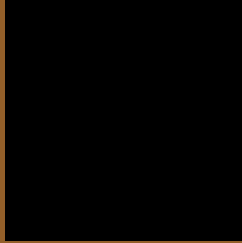
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 935F29 Background



This preview shows how black text looks on a background with the Hex color 935F29.



This preview shows how white text looks on a background with the Hex color 935F29.

# 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**  
935F29

**Protanopia**  
776B2C

**Deuteranopia**  
856627



**Tritanopia**  
965960

# Trichromacy



**Original Color**  
935F29

**Protanomaly**  
81672B

**Deuteranomaly**  
8A6328

**Tritanomaly**  
955B4C

# Monochromacy



**Original Color**  
935F29

**Achromatopsia**  
686868

**Achromatomaly**  
786551

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 935F29 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 #935F29 looks like.

```
.text, #text, p{  
    color:#935F29  
}
```

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 #935F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935F29
}
```

## Border

The CSS property to change the border of an element to Hex 935F29 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
#935F29 }
```

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

```
.border{ border-color:#935F29 }
```

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

Here you see how a box with a 4 pixel #935F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935F29; -webkit-box-shadow:4px 4px  
4px 4px #935F29; box-shadow:4px 4px 4px  
4px #935F29 }
```

# Background

The CSS property to change the background color of an element to Hex 935F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935F29 }
```

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

```
.background{ background-color:#935F29 }
```

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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