

# Converting Colors

Hex(935226)

Have a look what the booklet for  
Hex(935226) contains.

<b>Hex(935226)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(935226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	935226
RGB	147, 82, 38
RGB Percent	58%, 32%, 15%
CMY	0.4235, 0.6784, 0.8510
CMYK	0.00, 0.44, 0.74, 0.42
HSL	24°, 59%, 36%
HSV	24°, 74%, 58%
XYZ	15.3998, 12.3776, 3.4112
YIQ	96.4190, 52.8640, 0.0960

# Conversions

## Conversions Part 2

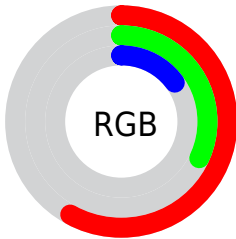
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 112, 38
Decimal	9654822
CIE Lab	41.81, 23.40, 36.62
CIE LCh	42, 43.461, 57.424
Yxy	12.3776, 0.4938, 0.3969
Android (android.graphics.Color)	4287844902 (0xFF935226)
YUV	96.4190, -28.8006, 44.3595
Hunter-Lab	35.1818, 16.5649, 18.8786

# Details

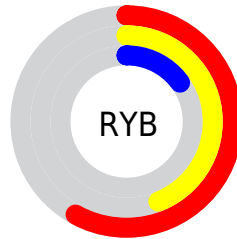
The Hex color **935226** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **266793**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CD8455**, and **5C2400** is the 20% darker color. If you saturate the color by 10%, you get **934917**, and if you desaturate by 10%, it is **935B35**.

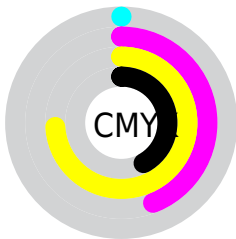
# Distribution



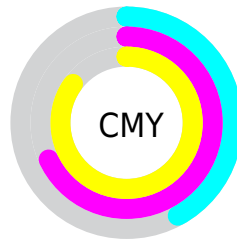
- Red (58%)
- Green (32%)
- Blue (15%)



- Red (58%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (42%)



- Cyan (42%)
- Magenta (68%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 935226 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 935226 by changing the saturation by 10% instead.



 935226

 935226

FFFFFF

 773A0F

 CD8455

 5C2400

 EB9E6E

 400D00

 FFBA88

 280000

 FFD5A3

 000000

 FFF2BE

 FFFFDA

 FFFFF6

 935226

 935226

■ 934917

■ 935B35

■ 934009

■ 936443

■ 933B00

■ 936C52

■ 937561

■ 937E70

■ 93877E

■ 938F8D

■ 93989C

■ 93A1AA

# Harmonies

## Analogous

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



A24544



935226



786014

# Triad

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



935226



00745E



5E5AA2

# Complementary

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



935226



266793

# 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.



0068AA



935226



007483

# Square

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



935226



22713A



00709E



8B4B8A

# Rectangle

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



935226



626717



00709E



475FA7



# Sweetspot

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



935226



BFA695



932667



615248



E0E0E0



616161



# Same Dimension

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



935226



BF5A15



938826



4A4643



8A3800



0A0400



# Inverse Universe

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



266793



157BBF



263193



43474A



00528A



00060A



# Previews

## White Background



This preview shows how the Hex color 935226 looks on a white background.

## Color Contrast Check

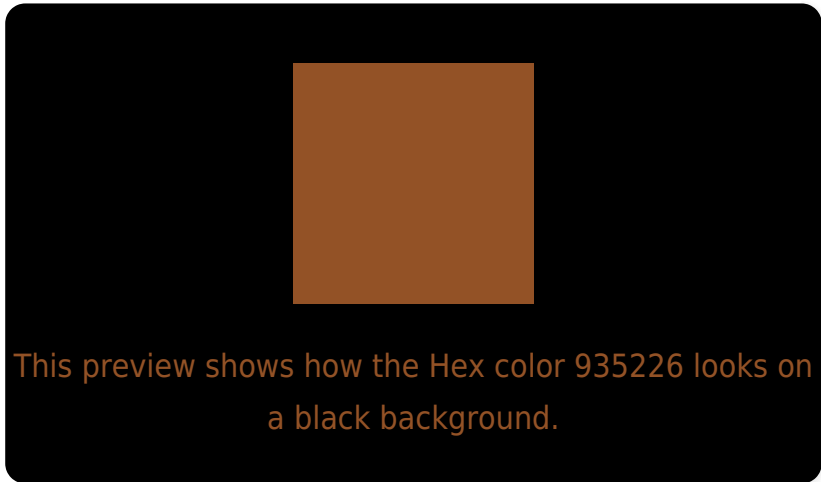
Large Text (above 18pt) WCAG AA ✓ Pass

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

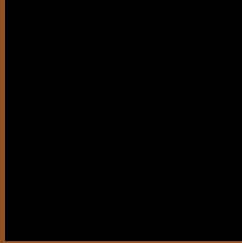
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 935226 Background



This preview shows how black text looks on a background with the Hex color 935226.



This preview shows how white text looks on a background with the Hex color 935226.

# 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**  
935226

**Protanopia**  
6E632B

**Deuteranopia**  
7C5E22



**Tritanopia**  
954D53

# Trichromacy



**Original Color**  
935226

**Protanomaly**  
7B5D29

**Deuteranomaly**  
845A23

**Tritanomaly**  
944F43

# Monochromacy



**Original Color**  
935226

**Achromatopsia**  
606060

**Achromatomaly**  
735B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 935226 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 #935226 looks like.

```
.text, #text, p{  
    color:#935226  
}
```

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 #935226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935226
}
```

## Border

The CSS property to change the border of an element to Hex 935226 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
#935226 }
```

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

```
.border{ border-color:#935226 }
```

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

Here you see how a box with a 4 pixel #935226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935226; -webkit-box-shadow:4px 4px  
4px 4px #935226; box-shadow:4px 4px 4px  
4px #935226 }
```

# Background

The CSS property to change the background color of an element to Hex 935226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935226 }
```

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

```
.background{ background-color:#935226 }
```

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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