

Converting Colors

Hex(951A01)

Have a look what the booklet for
Hex(951A01) contains.

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Color

Hex(951A01)

Conversions

Conversions Part 1

Format	Color
Hex	951A01
RGB	149, 26, 1
RGB Percent	58%, 10%, 0%
CMY	0.4157, 0.8980, 0.9961
CMYK	0.00, 0.83, 0.99, 0.42
HSL	10°, 99%, 29%
HSV	10°, 99%, 58%
XYZ	12.7693, 7.1305, 0.7320
YIQ	59.9270, 81.3330, 18.3010

Conversions

Conversions Part 2

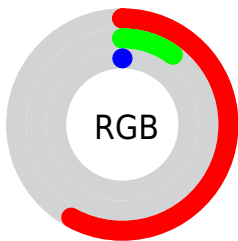
Format	Color
R_{YB}	149, 31, 1
Decimal	9771521
CIE Lab	32.10, 48.74, 44.88
CIE LCh	32, 66.258, 42.635
Yxy	7.1305, 0.6189, 0.3456
Android (android.graphics.Color)	4287961601 (0xFF951A01)
YUV	59.9270, -29.0510, 78.1170
Hunter-Lab	26.7031, 38.6276, 17.0668

Details

The Hex color **951A01** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **017C95**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D35331**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **951900**, and if you desaturate by 10%, it is **952610**.

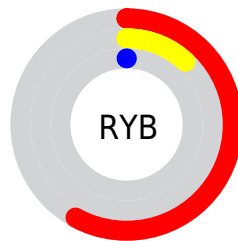
Distribution



Red (58%)

Green (10%)

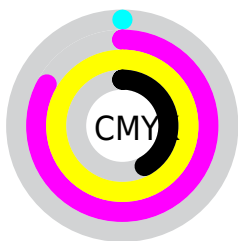
Blue (0%)



Red (58%)

Yellow (12%)

Blue (0%)

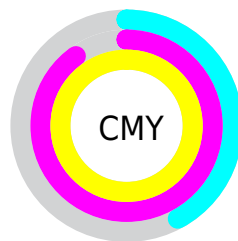


Cyan (0%)

Magenta (83%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 951A01 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 951A01 by changing the saturation by 10% instead.

 951A01

 951A01

 FFFFE8

 770000

 D35331

 590000

 F36E49

 3D0001

 FF8961

 1C0001

 FFA47B

 000000

 FFC095

 FFDDB0

 FFFACC

 951A01

 951A01

■ 951900

■ 952610

■ 95331F

■ 953F2E

■ 954C3D

■ 95584B

■ 95645A

■ 957169

■ 957D78

■ 958987

Harmonies

Analogous

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



A30038



951A01



753E00

Triad

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



951A01



005E2A



004CB3

Complementary

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



951A01



017C95

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.



005AB1



951A01



006061

Square

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



951A01



005A00



006092



652F99

Rectangle

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



951A01



594B00



006092



0052B6

Sweetspot

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



951A01



C29188



95017C



61443E



E0E0E0



616161

Same Dimension

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



951A01



C22100



956401



4A4443



8A1700



0A0200

Inverse Universe

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



017C95



00A1C2



013295



43494A



00728A



00080A

Previews

White Background



This preview shows how the Hex color 951A01 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 951A01 Background



This preview shows how black text looks on a background with the Hex color 951A01.



This preview shows how white text looks on a background with the Hex color 951A01.

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
951A01

Protanopia
574E12

Deuteranopia
624A00

Trichromacy



Original Color
951A01

Protanomaly
6E3B0C

Deuteranomaly
753900

Tritanomaly
95190F

Monochromacy



Original Color
951A01

Achromatopsia
3C3C3C

Achromatomaly
5C3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 951A01 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 #951A01 looks like.

```
.text, #text, p{  
    color:#951A01  
}
```

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 #951A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951A01
}
```

Border

The CSS property to change the border of an element to Hex 951A01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

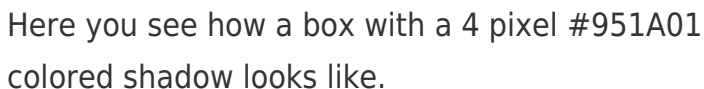
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#951A01 }
```

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

```
.border{ border-color:#951A01 }
```

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



Here you see how a box with a 4 pixel #951A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951A01; -webkit-box-shadow:4px 4px  
4px 4px #951A01; box-shadow:4px 4px 4px  
4px #951A01 }
```

Background

The CSS property to change the background color of an element to Hex 951A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951A01 }
```

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

```
.background{ background-color:#951A01 }
```

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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