

# Converting Colors

Hex(951D47)

Have a look what the booklet for  
Hex(951D47) contains.

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# Color

**Hex(951D47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951D47
RGB	149, 29, 71
RGB Percent	58%, 11%, 28%
CMY	0.4157, 0.8863, 0.7216
CMYK	0.00, 0.81, 0.52, 0.42
HSL	339°, 67%, 35%
HSV	339°, 81%, 58%
XYZ	13.9711, 7.7232, 6.7156
YIQ	69.6680, 58.0380, 38.5020

# Conversions

## Conversions Part 2

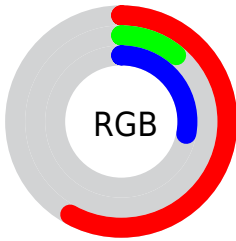
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 29, 71
Decimal	9772359
CIE <sub>Lab</sub>	33.40, 50.95, 6.15
CIE <sub>LCh</sub>	33, 51.317, 6.885
Yxy	7.7232, 0.4918, 0.2718
Android (android.graphics.Color)	4287962439 (0xFF951D47)
YUV	69.6680, 0.6567, 69.5742
Hunter-Lab	27.7907, 41.1030, 5.1261

# Details

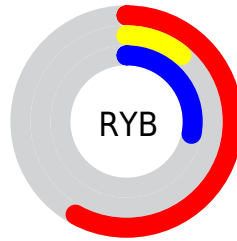
The Hex color **951D47** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1D956B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D05677**, and **5C001C** is the 20% darker color. If you saturate the color by 10%, you get **950E3D**, and if you desaturate by 10%, it is **952C51**.

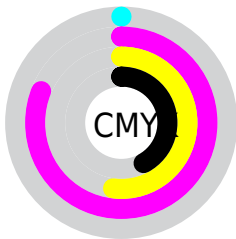
# Distribution



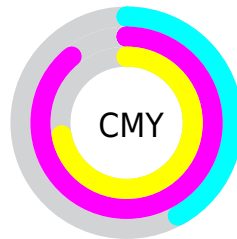
- Red (58%)
- Green (11%)
- Blue (28%)



- Red (58%)
- Yellow (11%)
- Blue (28%)



- Cyan (0%)
- Magenta (81%)
- Yellow (52%)
- Black (42%)



- Cyan (42%)
- Magenta (89%)
- Yellow (72%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 951D47 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 951D47 by changing the saturation by 10% instead.



951D47

951D47

FFFFFF

780031

D05677

5C001C

EE7191

420001

FF8DAB

240001

FFA8C6

000000

FFC5E2

FFE2FF

951D47

951D47

950E3D

952C51

950034

953B5A

954A64

95596E

956877

957681

95858B

959494

95A39E

# Harmonies

## Analogous

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



85296F



951D47



8F2C20

# Triad

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



951D47



2B5900



005B9A

# Complementary

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



951D47



1D956B

# 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.



00607F



951D47



005E2D

# Square

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



951D47



585000



006057



0051A0

# Rectangle

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



951D47



813A03



006057



005D93



# Sweetspot

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



951D47



C293A4



6B1D95



61454F



E0E0E0



616161



# Same Dimension

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



951D47



C20648



952F1D



4A4345



8A0030



0A0004



# Inverse Universe

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



951D47



C20648



1D8395



4A4345



8A0030

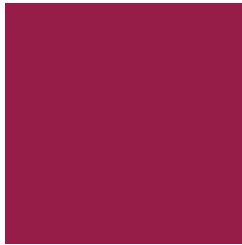


0A0004



# Previews

## White Background



This preview shows how the Hex color 951D47 looks on a white background.

## Color Contrast Check

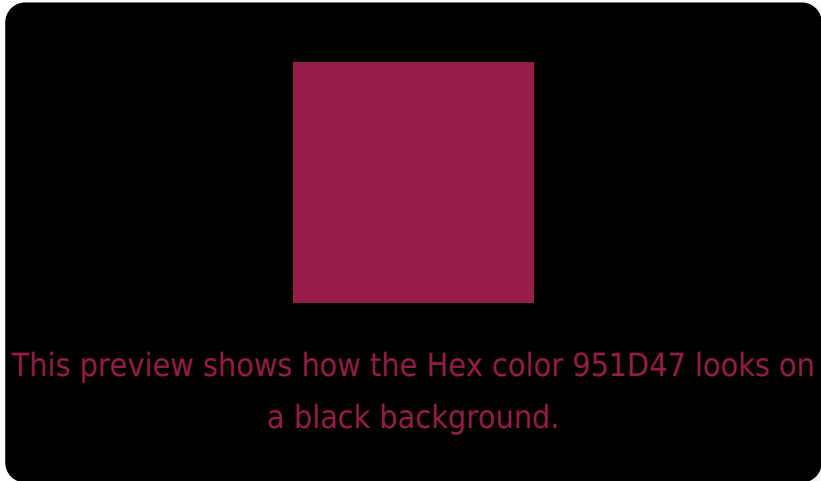
Large Text (above 18pt) WCAG AA ✓ Pass

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

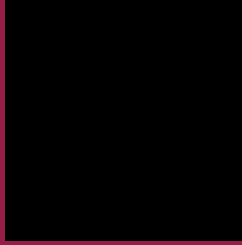
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 951D47 Background



This preview shows how black text looks on a background with the Hex color 951D47.



This preview shows how white text looks on a background with the Hex color 951D47.

# 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**  
951D47

**Protanopia**  
4C4F61

**Deuteranopia**  
5D4D41



# Trichromacy



**Original Color**  
951D47

**Protanomaly**  
673D58

**Deuteranomaly**  
713C43

**Tritanomaly**  
942333

# Monochromacy



**Original Color**  
951D47

**Achromatopsia**  
464646

**Achromatomaly**  
633746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 951D47 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 #951D47 looks like.

```
.text, #text, p{  
    color:#951D47  
}
```

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 #951D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951D47
}
```

## Border

The CSS property to change the border of an element to Hex 951D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

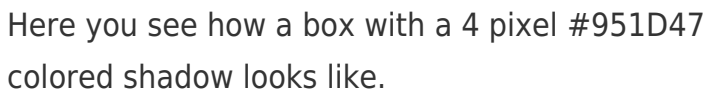
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#951D47 }
```

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

```
.border{ border-color:#951D47 }
```

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



Here you see how a box with a 4 pixel #951D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951D47; -webkit-box-shadow:4px 4px  
4px 4px #951D47; box-shadow:4px 4px 4px  
4px #951D47 }
```

# Background

The CSS property to change the background color of an element to Hex 951D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951D47 }
```

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

```
.background{ background-color:#951D47 }
```

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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