

Converting Colors

Hex(941947)

Have a look what the booklet for
Hex(941947) contains.

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Color

Hex(941947)

Conversions

Conversions Part 1

Format	Color
Hex	941947
RGB	148, 25, 71
RGB Percent	58%, 10%, 28%
CMY	0.4196, 0.9020, 0.7216
CMYK	0.00, 0.83, 0.52, 0.42
HSL	338°, 71%, 34%
HSV	338°, 83%, 58%
XYZ	13.6977, 7.4461, 6.6765
YIQ	67.0210, 58.5420, 40.3820

Conversions

Conversions Part 2

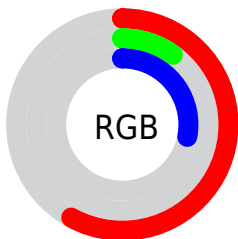
Format	Color
R_{YB}	148, 25, 71
Decimal	9705799
CIE Lab	32.80, 51.79, 5.27
CIE LCh	33, 52.060, 5.814
Yxy	7.4461, 0.4924, 0.2676
Android (android.graphics.Color)	4287895879 (0xFF941947)
YUV	67.0210, 1.9616, 71.0186
Hunter-Lab	27.2875, 41.8497, 4.5946

Details

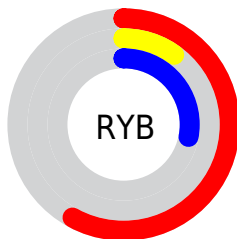
The Hex color **941947** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **199466**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **CF5477**, and **5B001C** is the 20% darker color. If you saturate the color by 10%, you get **940A3E**, and if you desaturate by 10%, it is **942850**.

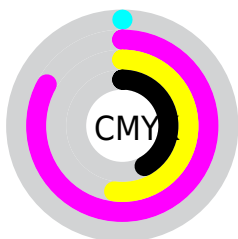
Distribution



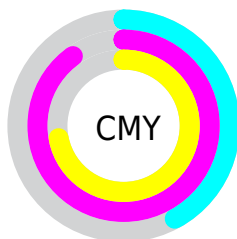
- Red (58%)
- Green (10%)
- Blue (28%)



- Red (58%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (83%)
- Yellow (52%)
- Black (42%)



- Cyan (42%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 941947 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 941947 by changing the saturation by 10% instead.

 941947

 941947

FFFFFF

 770031

 CF5477

 5B001C

 ED6F91

 410001

 FF8AAB

 230001

 FFA6C6

 000000

 FFC2E2

 FFDFFF

 FFFDFF

 941947

 941947

■ 940A3E

■ 942850

■ 940037

■ 94375A

■ 944563

■ 94546C

■ 946375

■ 94727F

■ 948188

■ 948F91

■ 949E9A

Harmonies

Analogous

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



832770



941947



8E291F

Triad

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



941947



2B5800



005A98

Complementary

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



941947



199466

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.



005E7D



941947



005D29

Square

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



941947



574E00



005F54



0050A0

Rectangle

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



941947



813702



005F54



005C91

Sweetspot

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



941947



BF8FA1



651994



61444F



E0E0E0



616161

Same Dimension

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



941947



BF0048



942719



4A4345



8A0033



0A0004

Inverse Universe

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



941947



BF0048



198694



4A4345



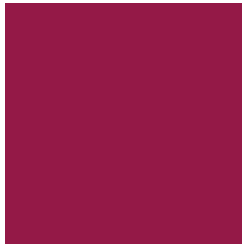
8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 941947 looks on a white background.

Color Contrast Check

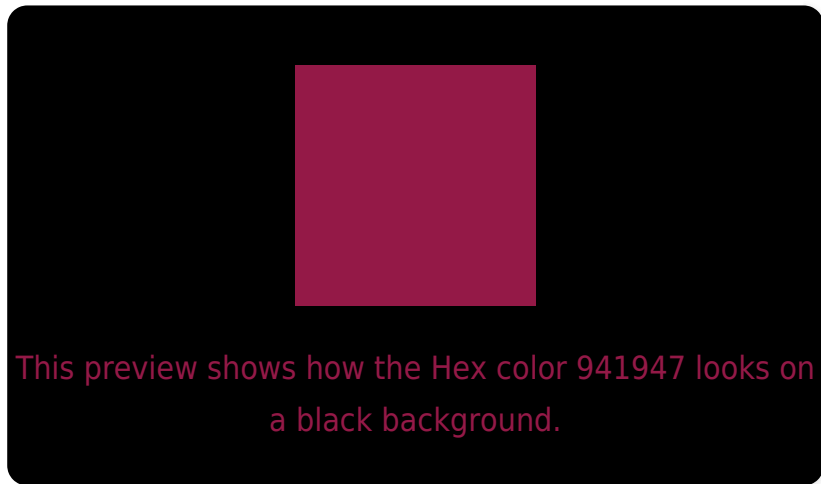
Large Text (above 18pt) WCAG AA ✓ Pass

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

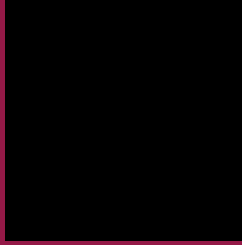
Any Text WCAG AA × Fail

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 941947 Background



This preview shows how black text looks on a background with the Hex color 941947.

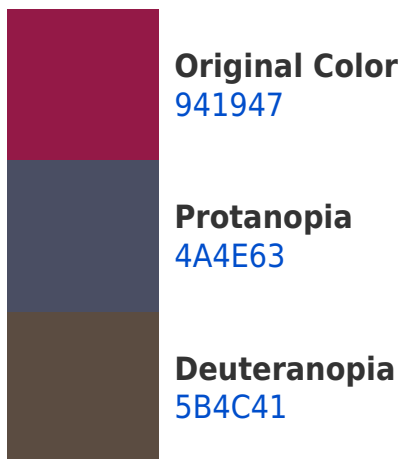


This preview shows how white text looks on a background with the Hex color 941947.

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



Trichromacy



Original Color
941947

Protanomaly
653B59

Deuteranomaly
703943

Tritanomaly
931F31

Monochromacy



Original Color
941947

Achromatopsia
434343

Achromatomaly
603444

CSS Examples

Text

The CSS property to change the color of the text to Hex 941947 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 #941947 looks like.

```
.text, #text, p{  
    color:#941947  
}
```

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 #941947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941947
}
```

Border

The CSS property to change the border of an element to Hex 941947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

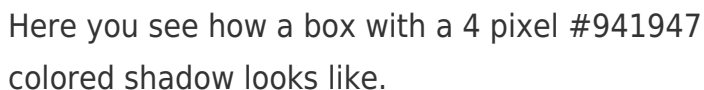
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941947 }
```

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

```
.border{ border-color:#941947 }
```

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



Here you see how a box with a 4 pixel #941947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941947; -webkit-box-shadow:4px 4px  
4px 4px #941947; box-shadow:4px 4px 4px  
4px #941947 }
```

Background

The CSS property to change the background color of an element to Hex 941947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941947 }
```

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

```
.background{ background-color:#941947 }
```

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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