

Converting Colors

Hex(9D2017)

Have a look what the booklet for
Hex(9D2017) contains.

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Color

Hex(9D2017)

Conversions

Conversions Part 1

Format	Color
Hex	9D2017
RGB	157, 32, 23
RGB Percent	62%, 13%, 9%
CMY	0.3843, 0.8745, 0.9098
CMYK	0.00, 0.80, 0.85, 0.38
HSL	4°, 74%, 35%
HSV	4°, 85%, 62%
XYZ	14.5758, 8.2630, 1.6373
YIQ	68.3490, 77.3890, 23.7010

Conversions

Conversions Part 2

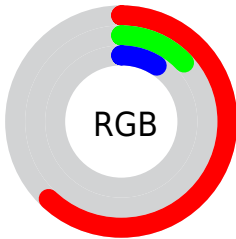
Format	Color
R_{YB}	157, 33, 23
Decimal	10297367
CIE Lab	34.52, 49.85, 37.75
CIE LCh	35, 62.529, 37.132
Yxy	8.2630, 0.5955, 0.3376
Android (android.graphics.Color)	4288487447 (0xFF9D2017)
YUV	68.3490, -22.3571, 77.7469
Hunter-Lab	28.7454, 40.2067, 16.7447

Details

The Hex color **9D2017** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17949D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **DB5844**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9D1107**, and if you desaturate by 10%, it is **9D2F27**.

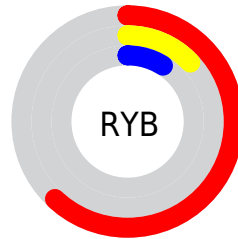
Distribution



Red (62%)

Green (13%)

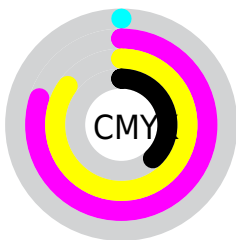
Blue (9%)



Red (62%)

Yellow (13%)

Blue (9%)

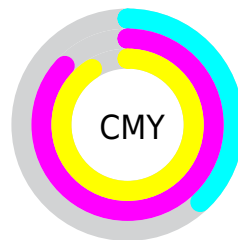


Cyan (0%)

Magenta (80%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D2017 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 9D2017 by changing the saturation by 10% instead.



9D2017



9D2017

FFFFFFE



7F0000



DB5844



610000



FA735C



440000



FF8F75



280001



FFAA8F



000000



FFC7A9



FFE4C5



FFFFE1



9D2017



9D2017

■ 9D1107

■ 9D2F27

■ 9D0B00

■ 9D3D36

■ 9D4C46

■ 9D5B56

■ 9D6966

■ 9D7875

■ 9D8785

■ 9D9595

■ 9DA4A4

Harmonies

Analogous

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



A60048



9D2017



824000

Triad

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



9D2017



006427



0054B6

Complementary

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



9D2017



17949D

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.



0061AE



9D2017



00665C

Square

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



9D2017



1F5E00



00658D



5D3DA2

Rectangle

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



9D2017



684E00



00658D



0059B6

Sweetspot

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



9D2017



CC9B97



9D1794



664946



E6E6E6



666666

Same Dimension

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



9D2017



CC0E00



9D6317



4F4847



8F0A00



0F0100

Inverse Universe

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



17949D



00BECC



17519D



474F4F



00858F



000E0F

Previews

White Background



This preview shows how the Hex color 9D2017 looks on a white background.

Color Contrast Check

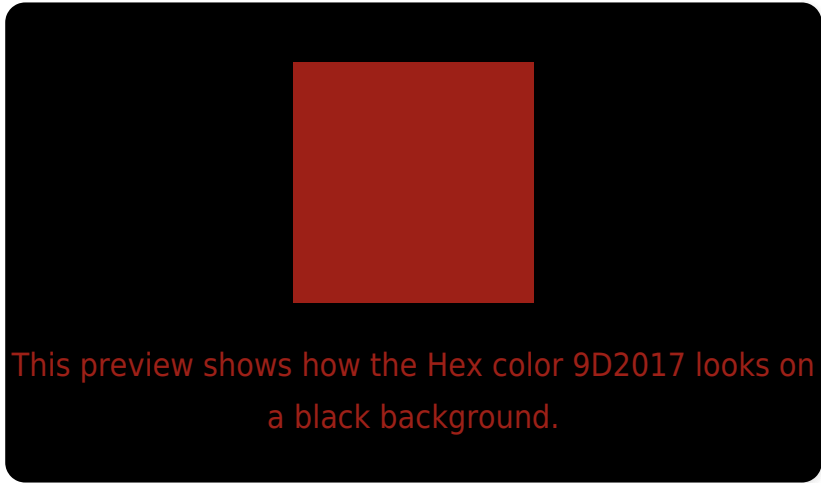
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2017 Background



This preview shows how black text looks on a background with the Hex color 9D2017.



This preview shows how white text looks on a background with the Hex color 9D2017.

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
9D2017

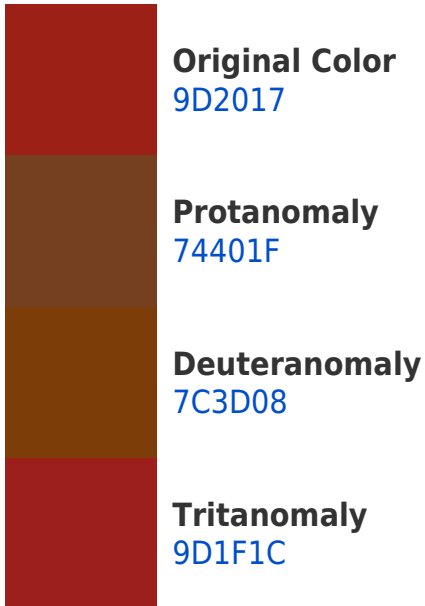
Protanopia
5C5323

Deuteranopia
694E00

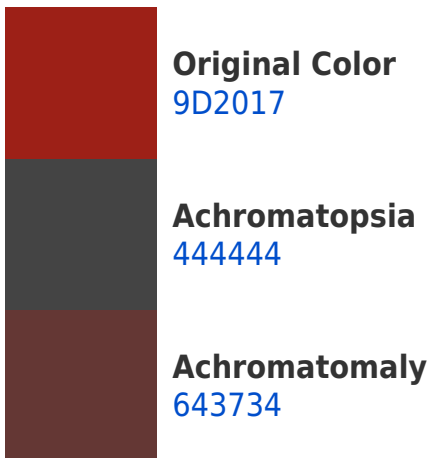


Tritanopia
9D1F1F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D2017 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 #9D2017 looks like.

```
.text, #text, p{  
    color:#9D2017  
}
```

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 #9D2017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2017
}
```

Border

The CSS property to change the border of an element to Hex 9D2017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

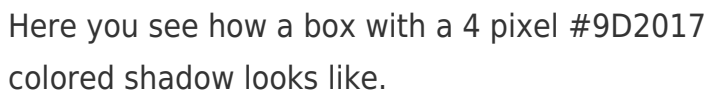
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2017 }
```

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

```
.border{ border-color:#9D2017 }
```

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



Here you see how a box with a 4 pixel #9D2017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2017; -webkit-box-shadow:4px 4px  
4px 4px #9D2017; box-shadow:4px 4px 4px  
4px #9D2017 }
```

Background

The CSS property to change the background color of an element to Hex 9D2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2017 }
```

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

```
.background{ background-color:#9D2017 }
```

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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