

Converting Colors

Hex(9D2F21)

Have a look what the booklet for
Hex(9D2F21) contains.

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Color

Hex(9D2F21)

Conversions

Conversions Part 1

Format	Color
Hex	9D2F21
RGB	157, 47, 33
RGB Percent	62%, 18%, 13%
CMY	0.3843, 0.8157, 0.8706
CMYK	0.00, 0.70, 0.79, 0.38
HSL	7°, 65%, 37%
HSV	7°, 79%, 62%
XYZ	15.1957, 9.3109, 2.4351
YIQ	78.2940, 70.0540, 18.9660

Conversions

Conversions Part 2

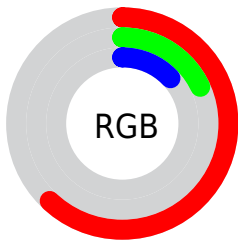
Format	Color
RYB	157, 49, 33
Decimal	10301217
CIELab	36.58, 44.75, 34.30
CIElCh	37, 56.383, 37.470
Yxy	9.3109, 0.5640, 0.3456
Android (android.graphics.Color)	4288491297 (0xFF9D2F21)
YUV	78.2940, -22.3299, 69.0252
Hunter-Lab	30.5138, 35.4925, 16.6281

Details

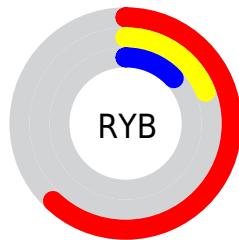
The Hex color **9D2F21** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **218F9D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DA644F**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D2111**, and if you desaturate by 10%, it is **9D3D31**.

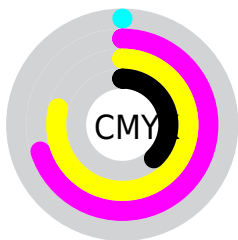
Distribution



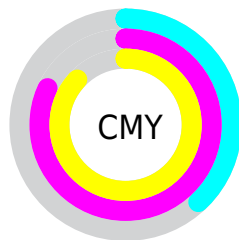
- Red (62%)
- Green (18%)
- Blue (13%)



- Red (62%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D2F21 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 9D2F21 by changing the saturation by 10% instead.



9D2F21



9D2F21

FFFFFF



7F110B



DA644F



620000



F97E67



450000



FF9980



2B0001



FFB59A



000000



FFD1B5



FFEED1



FFFFED



9D2F21



9D2F21

■ 9D2111

■ 9D3D31

■ 9D1302

■ 9D4B40

■ 9D1200

■ 9D5950

■ 9D6760

■ 9D7570

■ 9D837F

■ 9D908F

■ 9D9E9F

■ 9DACAE

Harmonies

Analogous

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



A41C4D



9D2F21



844700

Triad

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



9D2F21



006831



0058B1

Complementary

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



9D2F21



218F9D

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.



0064AA



9D2F21



006A61

Square

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



9D2F21



2C6200



00698C



64449F

Rectangle

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



9D2F21



6C5300



00698C



005DB2

Sweetspot

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



9D2F21



CCA19B



9D2191



664C48



E6E6E6



666666

Same Dimension

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



9D2F21



CC200A



9D6B21



4F4847



8F1000



0F0200

Inverse Universe

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



218F9D



0AB6CC



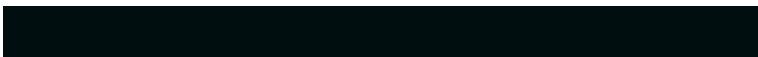
21539D



474E4F



007F8F



000E0F

Previews

White Background



This preview shows how the Hex color 9D2F21 looks on a white background.

Color Contrast Check

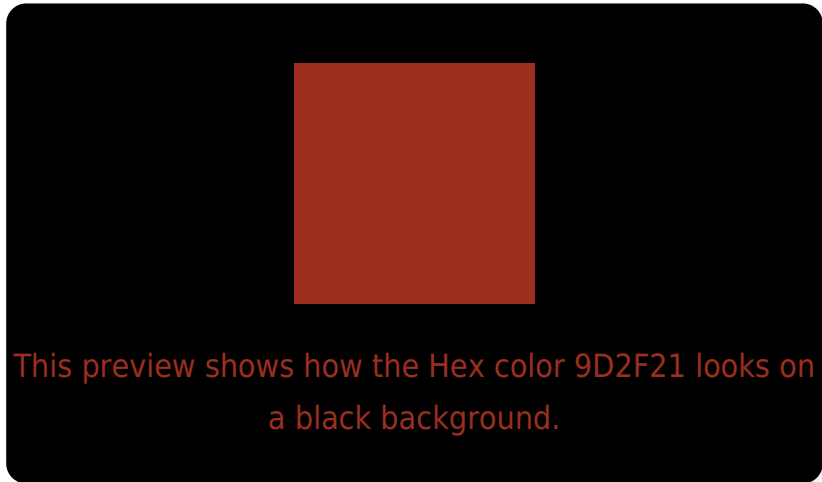
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2F21 Background



This preview shows how black text looks on a background with the Hex color 9D2F21.



This preview shows how white text looks on a background with the Hex color 9D2F21.

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
9D2F21

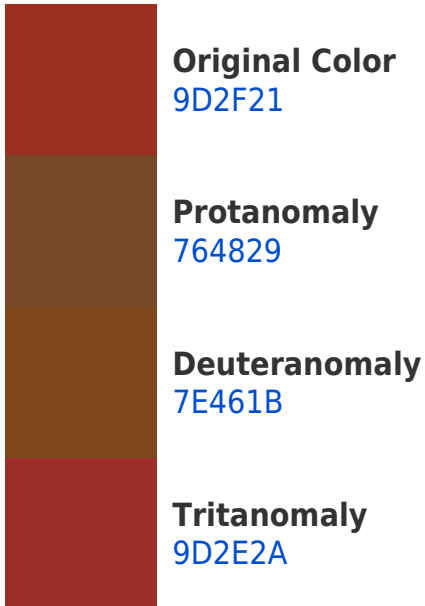
Protanopia
60572D

Deuteranopia
6D5318

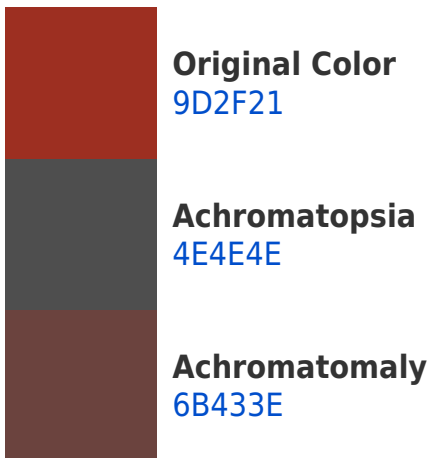


Tritanopia
9D2D2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D2F21 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 #9D2F21 looks like.

```
.text, #text, p{  
    color:#9D2F21  
}
```

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 #9D2F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2F21
}
```

Border

The CSS property to change the border of an element to Hex 9D2F21 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
#9D2F21 }
```

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

```
.border{ border-color:#9D2F21 }
```

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

Here you see how a box with a 4 pixel #9D2F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2F21; -webkit-box-shadow:4px 4px  
4px 4px #9D2F21; box-shadow:4px 4px 4px  
4px #9D2F21 }
```

Background

The CSS property to change the background color of an element to Hex 9D2F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2F21 }
```

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

```
.background{ background-color:#9D2F21 }
```

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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