

# Converting Colors

Hex(9D2621)

Have a look what the booklet for  
Hex(9D2621) contains.

<b>Hex(9D2621)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9D2621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D2621
RGB	157, 38, 33
RGB Percent	62%, 15%, 13%
CMY	0.3843, 0.8510, 0.8706
CMYK	0.00, 0.76, 0.79, 0.38
HSL	2°, 65%, 37%
HSV	2°, 79%, 62%
XYZ	14.8723, 8.6641, 2.3273
YIQ	73.0110, 72.5290, 23.6730

# Conversions

## Conversions Part 2

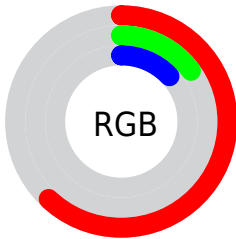
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 38, 33
Decimal	10298913
CIE Lab	35.33, 48.18, 32.99
CIE LCh	35, 58.399, 34.401
Yxy	8.6641, 0.5750, 0.3350
Android (android.graphics.Color)	4288488993 (0xFF9D2621)
YUV	73.0110, -19.7254, 73.6584
Hunter-Lab	29.4349, 38.6777, 15.9165

# Details

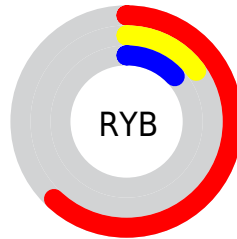
The Hex color **9D2621** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21989D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DA5D4E**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D1711**, and if you desaturate by 10%, it is **9D3531**.

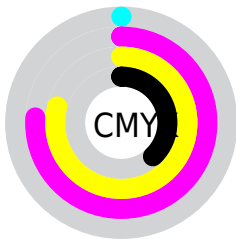
# Distribution



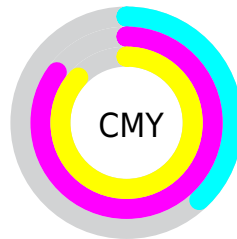
- Red (62%)
- Green (15%)
- Blue (13%)



- Red (62%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (79%)
- Black (38%)



- Cyan (38%)
- Magenta (85%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D2621 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 9D2621 by changing the saturation by 10% instead.



 9D2621

 9D2621

FFFFFF

 7F000C

 DA5D4E

 620000

 F97866

 450000

 FF9380

 290001

 FFAF9A

 000000

 FFCBB5

 FFE8D0

 FFFFED

 9D2621

 9D2621

■ 9D1711

■ 9D3531

■ 9D0802

■ 9D4440

■ 9D0600

■ 9D5350

■ 9D6260

■ 9D7170

■ 9D807F

■ 9D8F8F

■ 9D9F9F

■ 9DAEAE

# Harmonies

## Analogous

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



A3104E



9D2621



854100

# Triad

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



9D2621



006428



0057B1

# Complementary

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



9D2621



21989D

# 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.



0062A8



9D2621



006759

# Square

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



9D2621



2D5F00



006787



5843A1

# Rectangle

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



9D2621



6D4E00



006787



005CB1



# Sweetspot

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



9D2621



CC9D9B



9D2199



664A48



E6E6E6



666666



# Same Dimension

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



9D2621



CC120A



9D6321



4F4747



8F0600



0F0100



# Inverse Universe

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



21989D



0AC4CC



215B9D



474F4F



00898F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9D2621 looks on a white background.

## Color Contrast Check

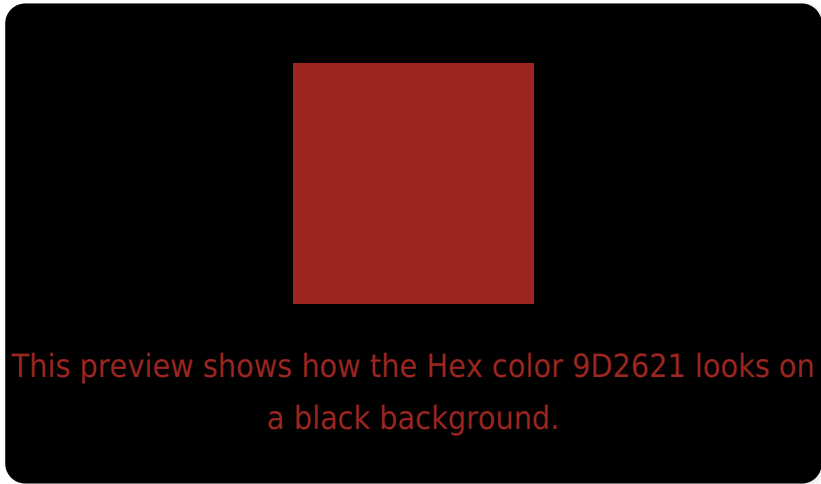
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2621 Background



This preview shows how black text looks on a background with the Hex color 9D2621.



This preview shows how white text looks on a background with the Hex color 9D2621.

# 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**  
9D2621

**Protanopia**  
5D542E

**Deuteranopia**  
6A5017



**Tritanopia**  
9D2526

# Trichromacy



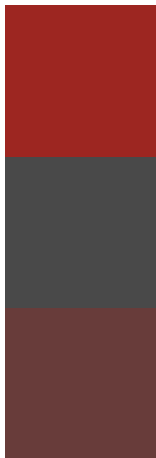
**Original Color**  
9D2621

**Protanomaly**  
744329

**Deuteranomaly**  
7D411B

**Tritanomaly**  
9D2524

# Monochromacy



**Original Color**  
9D2621

**Achromatopsia**  
494949

**Achromatomaly**  
683C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D2621 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 #9D2621 looks like.

```
.text, #text, p{  
    color:#9D2621  
}
```

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 #9D2621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2621
}
```

## Border

The CSS property to change the border of an element to Hex 9D2621 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
#9D2621 }
```

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

```
.border{ border-color:#9D2621 }
```

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

Here you see how a box with a 4 pixel #9D2621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2621; -webkit-box-shadow:4px 4px  
4px 4px #9D2621; box-shadow:4px 4px 4px  
4px #9D2621 }
```

# Background

The CSS property to change the background color of an element to Hex 9D2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2621 }
```

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

```
.background{ background-color:#9D2621 }
```

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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