

Converting Colors

Hex(9D3120)

Have a look what the booklet for
Hex(9D3120) contains.

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Color

Hex(9D3120)

Conversions

Conversions Part 1

Format	Color
Hex	9D3120
RGB	157, 49, 32
RGB Percent	62%, 19%, 13%
CMY	0.3843, 0.8078, 0.8745
CMYK	0.00, 0.69, 0.80, 0.38
HSL	8°, 66%, 37%
HSV	8°, 80%, 62%
XYZ	15.2637, 9.4690, 2.3897
YIQ	79.3540, 69.8250, 17.6090

Conversions

Conversions Part 2

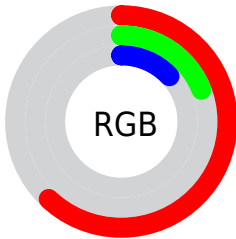
Format	Color
R_{YB}	157, 52, 32
Decimal	10301728
CIE _{Lab}	36.87, 43.88, 35.16
CIE _{LCh}	37, 56.229, 38.707
Yxy	9.4690, 0.5628, 0.3491
Android (android.graphics.Color)	4288491808 (0xFF9D3120)
YUV	79.3540, -23.3455, 68.0955
Hunter-Lab	30.7718, 34.6904, 16.9358

Details

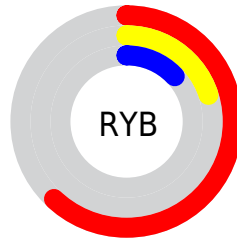
The Hex color **9D3120** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **208C9D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DA654E**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D2310**, and if you desaturate by 10%, it is **9D3F30**.

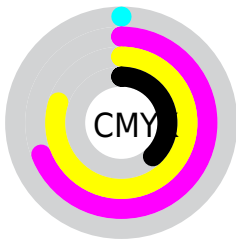
Distribution



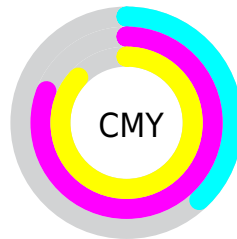
- Red (62%)
- Green (19%)
- Blue (13%)



- Red (62%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (69%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3120 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 9D3120 by changing the saturation by 10% instead.

 9D3120

 9D3120

FFFFFF

 7F140A

 DA654E

 620000

 F98066

 450000

 FF9B7F

 2B0001

 FFB799

 000000

 FFD3B4

 FFF0D0

 FFFFEC

 9D3120

 9D3120

 9D2310

 9D3F30

 9D1601

 9D4C3F

 9D1500

 9D5A4F

 9D675F

 9D756F

 9D827E

 9D908E

 9D9E9E

 9DABAD

Harmonies

Analogous

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



A51E4C



9D3120



834800

Triad

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



9D3120



006834



0058B1

Complementary

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



9D3120



208C9D

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.



0064AC



9D3120



006A63

Square

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



9D3120



2B6300



006A8F



67449E

Rectangle

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



9D3120



6B5400



006A8F



005DB2

Sweetspot

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



9D3120



CCA29B



9D208C



664C48



E6E6E6



666666

Same Dimension

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



9D3120



CC2308



9D6F20



4F4847



8F1300



0F0200

Inverse Universe

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



208C9D



08B1CC



204E9D



474E4F



007B8F



000D0F

Previews

White Background



This preview shows how the Hex color 9D3120 looks on a white background.

Color Contrast Check

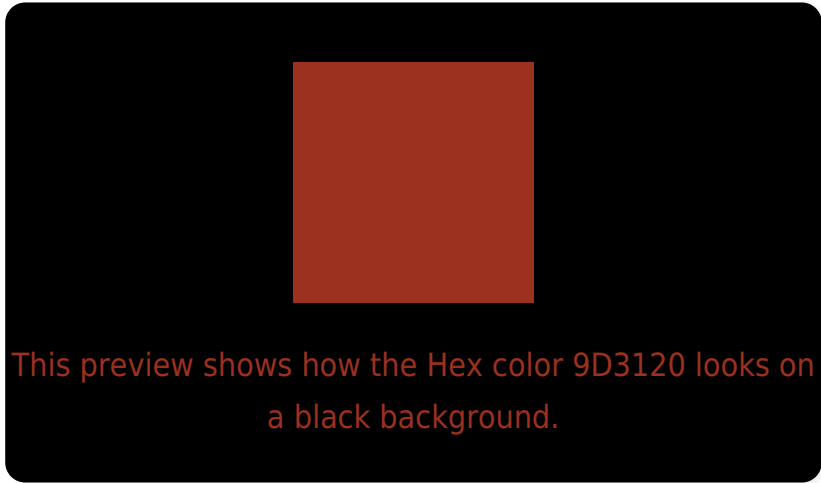
Large Text (above 18pt) WCAG AA ✓ Pass

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

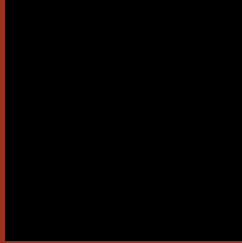
Any Text WCAG AA × Fail

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 9D3120 Background



This preview shows how black text looks on a background with the Hex color 9D3120.



This preview shows how white text looks on a background with the Hex color 9D3120.

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
9D3120

Protanopia
61582B

Deuteranopia
6E5317



Tritanopia
9E2F31

Trichromacy



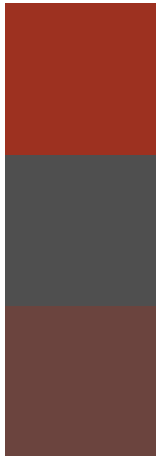
Original Color
9D3120

Protanomaly
774A27

Deuteranomaly
7F471A

Tritanomaly
9E302B

Monochromacy



Original Color
9D3120

Achromatopsia
4F4F4F

Achromatomaly
6B443E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3120 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 #9D3120 looks like.

```
.text, #text, p{  
    color:#9D3120  
}
```

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 #9D3120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3120
}
```

Border

The CSS property to change the border of an element to Hex 9D3120 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
#9D3120 }
```

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

```
.border{ border-color:#9D3120 }
```

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

Here you see how a box with a 4 pixel #9D3120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3120; -webkit-box-shadow:4px 4px  
4px 4px #9D3120; box-shadow:4px 4px 4px  
4px #9D3120 }
```

Background

The CSS property to change the background color of an element to Hex 9D3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3120 }
```

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

```
.background{ background-color:#9D3120 }
```

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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