

Converting Colors

Hex(9D3325)

Have a look what the booklet for
Hex(9D3325) contains.

Hex(9D3325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D3325)

Conversions

Conversions Part 1

Format	Color
Hex	9D3325
RGB	157, 51, 37
RGB Percent	62%, 20%, 15%
CMY	0.3843, 0.8000, 0.8549
CMYK	0.00, 0.68, 0.76, 0.38
HSL	7°, 62%, 38%
HSV	7°, 76%, 62%
XYZ	15.4224, 9.6693, 2.8038
YIQ	81.0980, 67.6700, 18.1180

Conversions

Conversions Part 2

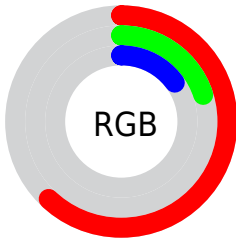
Format	Color
RYB	157, 53, 37
Decimal	10302245
CIELab	37.24, 43.22, 32.74
CIELCh	37, 54.220, 37.141
Yxy	9.6693, 0.5529, 0.3466
Android (android.graphics.Color)	4288492325 (0xFF9D3325)
YUV	81.0980, -21.7403, 66.5661
Hunter-Lab	31.0955, 34.1131, 16.4209

Details

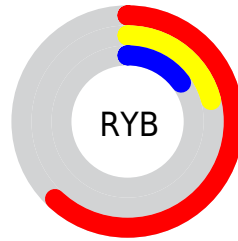
The Hex color **9D3325** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **258F9D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D96753**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9D2515**, and if you desaturate by 10%, it is **9D4135**.

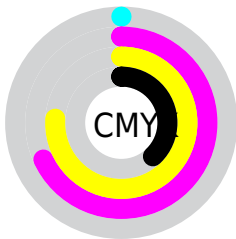
Distribution



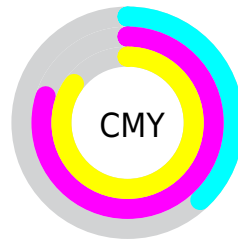
- Red (62%)
- Green (20%)
- Blue (15%)



- Red (62%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (76%)
- Black (38%)



- Cyan (38%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3325 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 9D3325 by changing the saturation by 10% instead.



9D3325



9D3325

FFFFFF



7F1710



D96753



630000



F8826B



450000



FF9D85



2C0001



FFB99F



000000



FFD5BA



FFF2D6



FFFFFF2



9D3325



9D3325

 9D2515

 9D4135

 9D1706

 9D4F44

 9D1200

 9D5D54

 9D6A64

 9D7874

 9D8683

 9D9493

 9DA2A3

 9DB0B2

Harmonies

Analogous

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



A4244F



9D3325



854900

Triad

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



9D3325



006933



005AAF

Complementary

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



9D3325



258F9D

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.



0065A8



9D3325



006B61

Square

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



9D3325



316300



006A8C



64479E

Rectangle

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



9D3325



6E5400



006A8C



005EB0

Sweetspot

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



9D3325



CCA39D



9D258F



664D49



E6E6E6



666666

Same Dimension

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



9D3325



CC2610



9D6F25



4F4847



8F1100



0F0200

Inverse Universe

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



258F9D



10B6CC



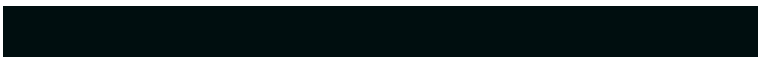
25539D



474E4F



007E8F



000E0F

Previews

White Background



This preview shows how the Hex color 9D3325 looks on a white background.

Color Contrast Check

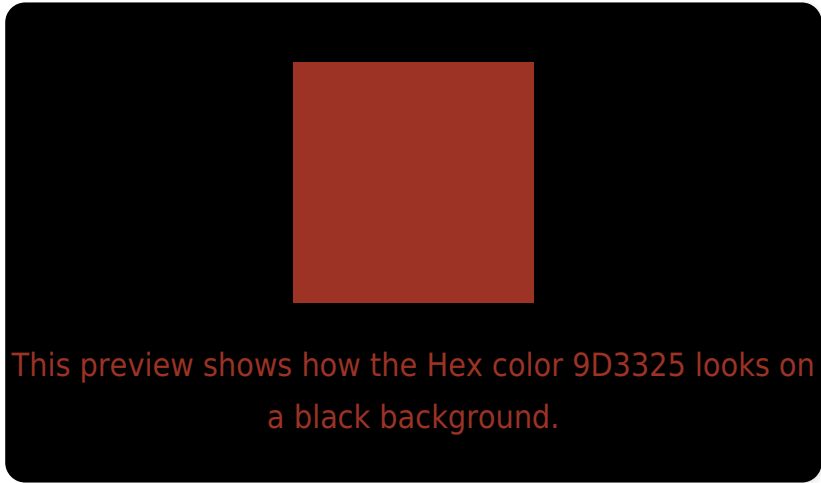
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3325 Background



This preview shows how black text looks on a background with the Hex color 9D3325.



This preview shows how white text looks on a background with the Hex color 9D3325.

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
9D3325

Protanopia
625930

Deuteranopia
6F541D



Tritanopia
9E3134

Trichromacy



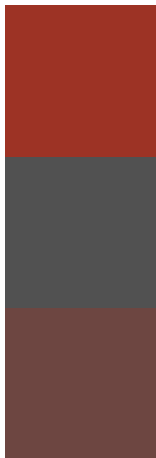
Original Color
9D3325

Protanomaly
774B2C

Deuteranomaly
804820

Tritanomaly
9E322F

Monochromacy



Original Color
9D3325

Achromatopsia
515151

Achromatomaly
6D4641

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3325 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 #9D3325 looks like.

```
.text, #text, p{  
    color:#9D3325  
}
```

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 #9D3325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3325
}
```

Border

The CSS property to change the border of an element to Hex 9D3325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

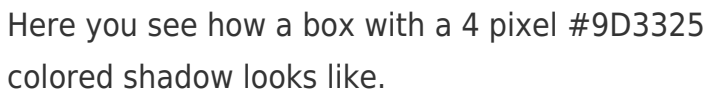
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3325 }
```

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

```
.border{ border-color:#9D3325 }
```

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



Here you see how a box with a 4 pixel #9D3325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3325; -webkit-box-shadow:4px 4px  
4px 4px #9D3325; box-shadow:4px 4px 4px  
4px #9D3325 }
```

Background

The CSS property to change the background color of an element to Hex 9D3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3325 }
```

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

```
.background{ background-color:#9D3325 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor