

# Converting Colors

Hex(D94B32)

Have a look what the booklet for  
Hex(D94B32) contains.

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**Color**

**Hex(D94B32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D94B32
RGB	217, 75, 50
RGB Percent	85%, 29%, 20%
CMY	0.1490, 0.7059, 0.8039
CMYK	0.00, 0.65, 0.77, 0.15
HSL	9°, 69%, 52%
HSV	9°, 77%, 85%
XYZ	31.7071, 20.0142, 5.2096
YIQ	114.6080, 92.6570, 22.3290

# Conversions

## Conversions Part 2

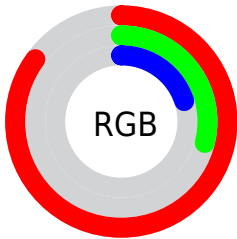
Format	Color
<a href="#">RYB</a>	<a href="#">217, 79, 50</a>
Decimal	<a href="#">14240562</a>
CIELab	<a href="#">51.85, 54.30, 44.38</a>
CIElCh	<a href="#">52, 70.130, 39.260</a>
Yxy	<a href="#">20.0142, 0.5569, 0.3516</a>
Android (android.graphics.Color)	<a href="#">4292430642 (0xFFD94B32)</a>
YUV	<a href="#">114.6080, -31.8517, 89.7978</a>
Hunter-Lab	<a href="#">44.7372, 48.2202, 24.4118</a>

# Details

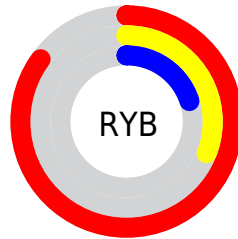
The Hex color **D94B32** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32C0D9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8262**, and **9A0503** is the 20% darker color. If you saturate the color by 10%, you get **D9391C**, and if you desaturate by 10%, it is **D95D48**.

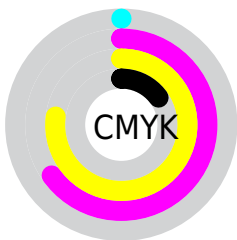
# Distribution



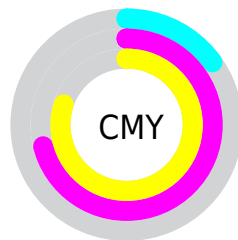
- Red (85%)
- Green (29%)
- Blue (20%)



- Red (85%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (77%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94B32 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 D94B32 by changing the saturation by 10% instead.



 D94B32

 D94B32

FFFFFF

 B92E1B

 FF8262

 9A0503

 FF9E7B

 7C0000

 FFBA96

 5D0000

 FFD7B1

 410002

 FFF4CC

 210001

 FFFFEE

 000000

 D94B32

 D94B32

 D9391C

 D95D48

 D92607

 D9705D

 D92000

 D98273

 D99589

 D9A79F

 D9BAB4

 D9CCCA

 D9DFE0

 D9F1F5

# Harmonies

## Analogous

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



E4336C



D94B32



B66900

# Triad

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



D94B32



00934E



007DF3

# Complementary

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



D94B32



32C0D9

# 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.



008EEC



D94B32



00968D

# Square

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



D94B32



408D04



0095C7



9362DA

# Rectangle

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



D94B32



977900



0095C7



0084F5



# Sweetspot

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



D94B32



FFCDC4



D932C3



80615C



000000



808080



# Same Dimension

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



D94B32



FF3814



D99C32



6E6463



AD1A00



2E0700

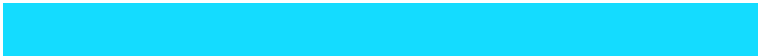


# Inverse Universe

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



32C0D9



14DCFF



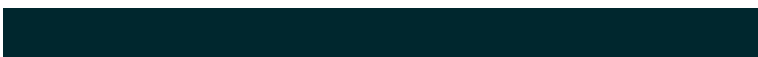
326FD9



636C6E



0093AD

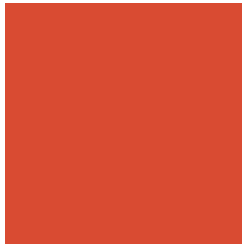


00272E



# Previews

## White Background



This preview shows how the Hex color D94B32 looks on a white background.

## Color Contrast Check

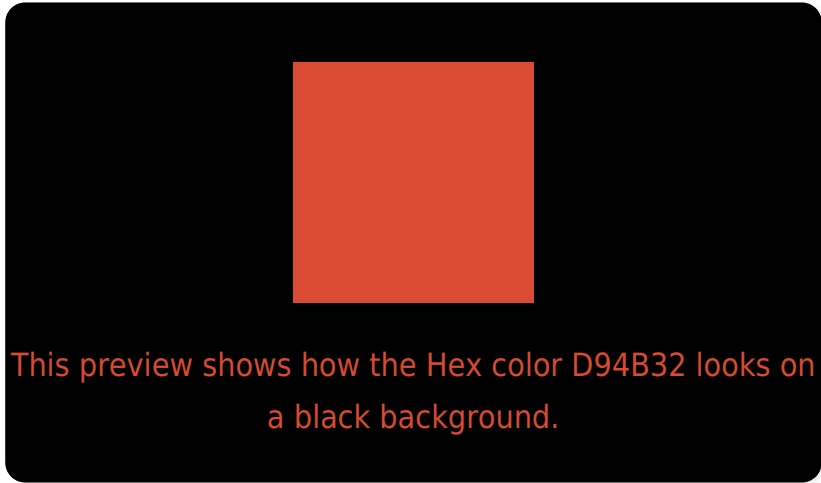
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D94B32 Background



This preview shows how black text looks on a background with the Hex color D94B32.

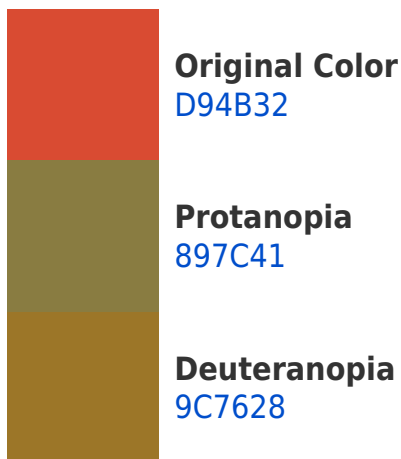


This preview shows how white text looks on a background with the Hex color D94B32.

# 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





# Trichromacy



**Original Color**  
D94B32

**Protanomaly**  
A66A3C

**Deuteranomaly**  
B2662C

**Tritanomaly**  
DA4943

# Monochromacy



**Original Color**  
D94B32

**Achromatopsia**  
737373

**Achromatomaly**  
98645B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94B32 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 #D94B32 looks like.

```
.text, #text, p{  
    color:#D94B32  
}
```

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 #D94B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94B32
}
```

## Border

The CSS property to change the border of an element to Hex D94B32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

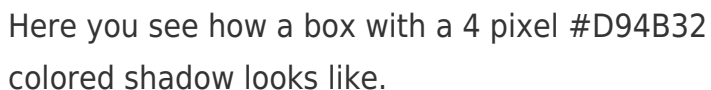
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D94B32 }
```

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

```
.border{ border-color:#D94B32 }
```

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



Here you see how a box with a 4 pixel #D94B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94B32; -webkit-box-shadow:4px 4px  
4px 4px #D94B32; box-shadow:4px 4px 4px  
4px #D94B32 }
```

# Background

The CSS property to change the background color of an element to Hex D94B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94B32 }
```

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

```
.background{ background-color:#D94B32 }
```

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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