

Converting Colors

Hex(D94B16)

Have a look what the booklet for
Hex(D94B16) contains.

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Color

Hex(D94B16)

Conversions

Conversions Part 1

Format	Color
Hex	D94B16
RGB	217, 75, 22
RGB Percent	85%, 29%, 9%
CMY	0.1490, 0.7059, 0.9137
CMYK	0.00, 0.65, 0.90, 0.15
HSL	16°, 82%, 47%
HSV	16°, 90%, 85%
XYZ	31.2762, 19.8418, 2.9405
YIQ	111.4160, 101.6450, 13.6210

Conversions

Conversions Part 2

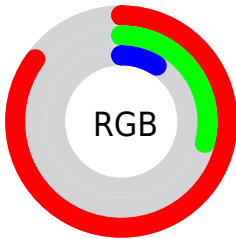
Format	Color
RYB	217, 95, 22
Decimal	14240534
CIELab	51.66, 53.56, 56.65
CIElCh	52, 77.962, 46.602
Yxy	19.8418, 0.5786, 0.3670
Android (android.graphics.Color)	4292430614 (0xFFD94B16)
YUV	111.4160, -44.0821, 92.5972
Hunter-Lab	44.5441, 47.3796, 27.2670

Details

The Hex color **D94B16** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **16A4D9**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8249**, and **9A0700** is the 20% darker color. If you saturate the color by 10%, you get **D93B00**, and if you desaturate by 10%, it is **D95B2C**.

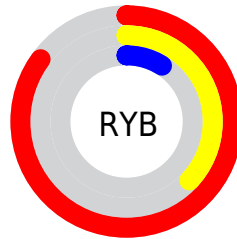
Distribution



Red (85%)

Green (29%)

Blue (9%)



Red (85%)

Yellow (37%)

Blue (9%)

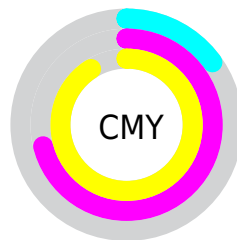


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94B16 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 D94B16 by changing the saturation by 10% instead.

 D94B16

 D94B16

FFFFFF

 B92E00

 FF8249

 9A0700

 FF9E63

 7A0000

 FFBA7D

 5C0000

 FFD797

 400002

 FFF4B3

 1F0001

 FFFFCE

 000000

 FFFFEB

 D94B16

 D94B16

 D93B00

 D95B2C

 D96B41

 D97A57

 D98A6D

 D99A83

 D9AA98

 D9BAAE

 D9C9C4

 D9D9D9

Harmonies

Analogous

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



ED205A



D94B16



AE6D00

Triad

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



D94B16



00965A



0077FD

Complementary

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



D94B16



16A4D9

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.



008CFE



D94B16



0098A0

Square

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



D94B16



009004



0095DC



AA54D8

Rectangle

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



D94B16



887D00



0095DC



007FFF

Sweetspot

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



D94B16



FFCDBA



D916A5



806257



000000



808080

Same Dimension

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



D94B16



FF4500



D9AB16



6E6663



AD2F00



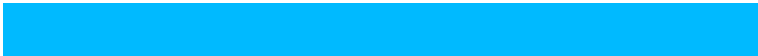
2E0C00

Inverse Universe

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



16A4D9



00BAFF



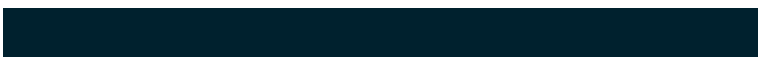
1644D9



636B6E



007EAD



00212E

Previews

White Background



This preview shows how the Hex color D94B16 looks on a white background.

Color Contrast Check

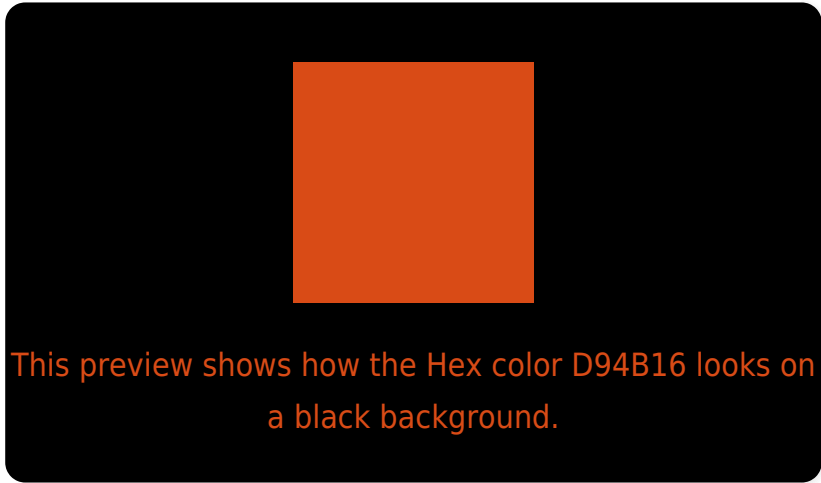
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94B16 Background



This preview shows how black text looks on a background with the Hex color D94B16.



This preview shows how white text looks on a background with the Hex color D94B16.

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

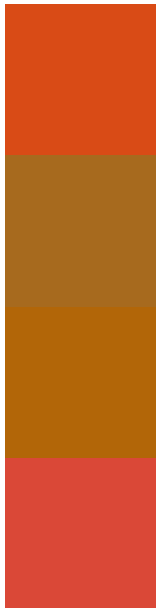


Original Color
D94B16

Protanopia
8B7C22

Deuteranopia
9C7500

Trichromacy



Original Color
D94B16

Protanomaly
A76A1E

Deuteranomaly
B26608

Tritanomaly
DA4837

Monochromacy



Original Color
D94B16

Achromatopsia
6F6F6F

Achromatomaly
96624F

CSS Examples

Text

The CSS property to change the color of the text to Hex D94B16 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 #D94B16 looks like.

```
.text, #text, p{  
    color:#D94B16  
}
```

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 #D94B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94B16
}
```

Border

The CSS property to change the border of an element to Hex D94B16 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
#D94B16 }
```

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

```
.border{ border-color:#D94B16 }
```

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

Here you see how a box with a 4 pixel #D94B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94B16; -webkit-box-shadow:4px 4px  
4px 4px #D94B16; box-shadow:4px 4px 4px  
4px #D94B16 }
```

Background

The CSS property to change the background color of an element to Hex D94B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94B16 }
```

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

```
.background{ background-color:#D94B16 }
```

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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