

Converting Colors

Hex(D94B1E)

Have a look what the booklet for
Hex(D94B1E) contains.

Hex(D94B1E)	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(D94B1E)

Conversions

Conversions Part 1

Format	Color
Hex	D94B1E
RGB	217, 75, 30
RGB Percent	85%, 29%, 12%
CMY	0.1490, 0.7059, 0.8824
CMYK	0.00, 0.65, 0.86, 0.15
HSL	14°, 76%, 48%
HSV	14°, 86%, 85%
XYZ	31.3657, 19.8776, 3.4119
YIQ	112.3280, 99.0770, 16.1090

Conversions

Conversions Part 2

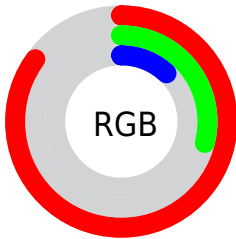
Format	Color
RYB	217, 89, 30
Decimal	14240542
CIELab	51.70, 53.72, 53.67
CIElCh	52, 75.933, 44.974
Yxy	19.8776, 0.5739, 0.3637
Android (android.graphics.Color)	4292430622 (0xFFD94B1E)
YUV	112.3280, -40.5877, 91.7973
Hunter-Lab	44.5843, 47.5547, 26.6717

Details

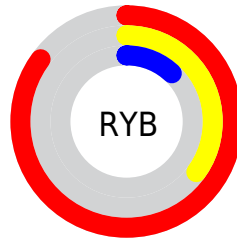
The Hex color **D94B1E** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1EACD9**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8250**, and **9A0700** is the 20% darker color. If you saturate the color by 10%, you get **D93B08**, and if you desaturate by 10%, it is **D95B34**.

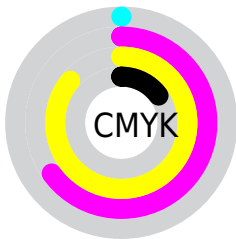
Distribution



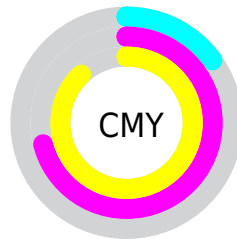
- Red (85%)
- Green (29%)
- Blue (12%)



- Red (85%)
- Yellow (35%)
- Blue (12%)



- Cyan (0%)
- Magenta (65%)
- Yellow (86%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94B1E 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 D94B1E by changing the saturation by 10% instead.

 D94B1E

 D94B1E

FFFFFF

 B92E01

 FF8250

 9A0700

 FF9E69

 7A0000

 FFBA83

 5C0000

 FFD79E

 400002

 FFF4B9

 200001

 FFFFD5

 000000

 FFFFF2

 D94B1E

 D94B1E

 D93B08

 D95B34

 D93400

 D96C49

 D97C5F

 D98D75

 D99D8B

 D9AEA0

 D9BEB6

 D9CFCC

 D9DFE1

Harmonies

Analogous

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



EB265E



D94B1E



B06C00

Triad

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



D94B1E



009557



0078FA

Complementary

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



D94B1E



1EACD9

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.



008CFA



D94B1E



00979B

Square

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



D94B1E



1A8F04



0095D7



A558D8

Rectangle

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



D94B1E



8C7C00



0095D7



0080FE

Sweetspot

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



D94B1E



FFCDBD



D91EAD



806158



000000



808080

Same Dimension

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



D94B1E



FF3D00



D9A71E



6E6563



AD2A00



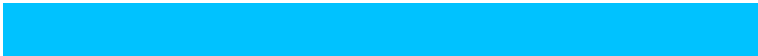
2E0B00

Inverse Universe

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



1EACD9



00C2FF



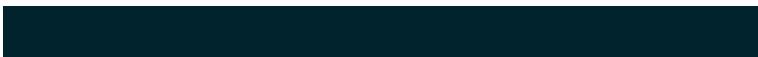
1E50D9



636B6E



0084AD



00232E

Previews

White Background



This preview shows how the Hex color D94B1E looks on a white background.

Color Contrast Check

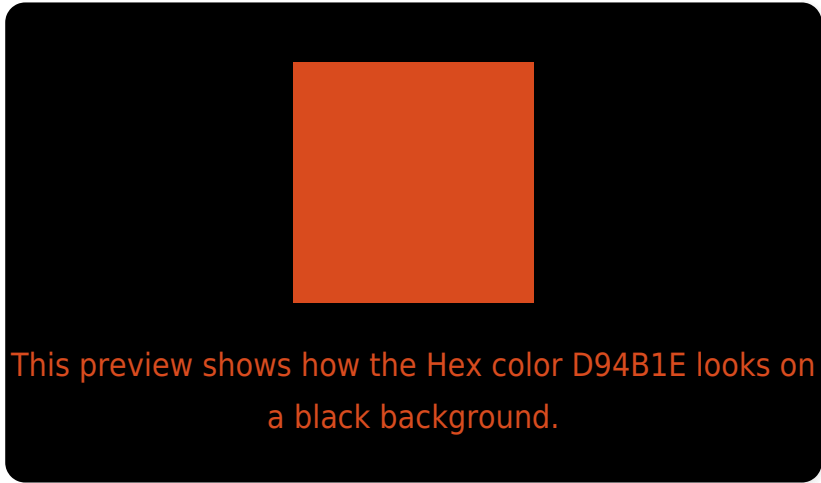
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94B1E Background



This preview shows how black text looks on a background with the Hex color D94B1E.



This preview shows how white text looks on a background with the Hex color D94B1E.

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
D94B1E

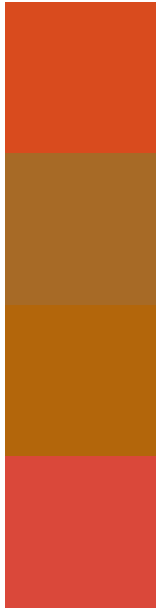
Protanopia
8B7C2A

Deuteranopia
9D7500



Tritanopia
DA474A

Trichromacy



Original Color
D94B1E

Protanomaly
A76A26

Deuteranomaly
B3660B

Tritanomaly
DA483A

Monochromacy



Original Color
D94B1E

Achromatopsia
707070

Achromatomaly
966352

CSS Examples

Text

The CSS property to change the color of the text to Hex D94B1E 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 #D94B1E looks like.

```
.text, #text, p{  
    color:#D94B1E  
}
```

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 #D94B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94B1E
}
```

Border

The CSS property to change the border of an element to Hex D94B1E 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".

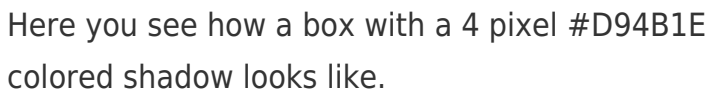
```
.border, #border, table{ border:4px solid
#D94B1E }
```

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

```
.border{ border-color:#D94B1E }
```

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

Here you see how a box with a 4 pixel #D94B1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94B1E; -webkit-box-shadow:4px 4px  
4px 4px #D94B1E; box-shadow:4px 4px 4px  
4px #D94B1E }
```

Background

The CSS property to change the background color of an element to Hex D94B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94B1E }
```

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

```
.background{ background-color:#D94B1E }
```

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