

Converting Colors

Hex(D94B20)

Have a look what the booklet for
Hex(D94B20) contains.

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Color

Hex(D94B20)

Conversions

Conversions Part 1

Format	Color
Hex	D94B20
RGB	217, 75, 32
RGB Percent	85%, 29%, 13%
CMY	0.1490, 0.7059, 0.8745
CMYK	0.00, 0.65, 0.85, 0.15
HSL	14°, 74%, 49%
HSV	14°, 85%, 85%
XYZ	31.3921, 19.8882, 3.5508
YIQ	112.5560, 98.4350, 16.7310

Conversions

Conversions Part 2

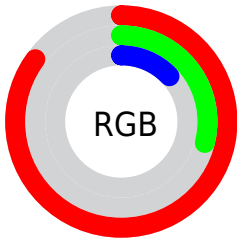
Format	Color
RYB	217, 88, 32
Decimal	14240544
CIELab	51.71, 53.76, 52.84
CIElCh	52, 75.386, 44.507
Yxy	19.8882, 0.5725, 0.3627
Android (android.graphics.Color)	4292430624 (0xFFD94B20)
YUV	112.5560, -39.7141, 91.5974
Hunter-Lab	44.5961, 47.6063, 26.4966

Details

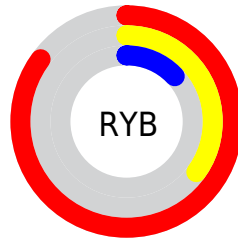
The Hex color **D94B20** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20AED9**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8251**, and **9A0600** is the 20% darker color. If you saturate the color by 10%, you get **D93A0A**, and if you desaturate by 10%, it is **D95C36**.

Distribution



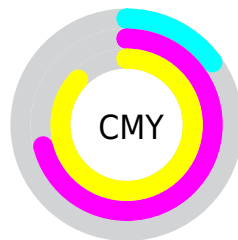
- Red (85%)
- Green (29%)
- Blue (13%)



- Red (85%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (85%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94B20 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 D94B20 by changing the saturation by 10% instead.

 D94B20

 D94B20

FFFFFF

 B92E04

 FF8251

 9A0600

 FF9E6B

 7B0000

 FFBA85

 5C0000

 FFD79F

 400002

 FFF4BB

 200001

 FFFFD7

 000000

 FFFFF4

 D94B20

 D94B20

 D93A0A

 D95C36

 D93200

 D96C4B

 D97D61

 D98E77

 D99E8D

 D9AFA2

 D9C0B8

 D9D0CE

 D9E1E3

Harmonies

Analogous

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



EB275F



D94B20



B06C00

Triad

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



D94B20



009556



0079FA

Complementary

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



D94B20



20AED9

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.



008CF9



D94B20



00979A

Square

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



D94B20



1F8F04



0095D5



A359D8

Rectangle

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



D94B20



8D7C00



0095D5



0081FE

Sweetspot

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



D94B20



FFCCBD



D920B1



806158



000000



808080

Same Dimension

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



D94B20



FF3B00



D9A520



6E6563



AD2800



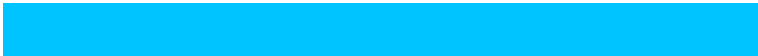
2E0B00

Inverse Universe

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



20AED9



00C4FF



2054D9



636B6E



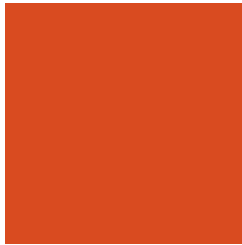
0085AD



00232E

Previews

White Background



This preview shows how the Hex color D94B20 looks on a white background.

Color Contrast Check

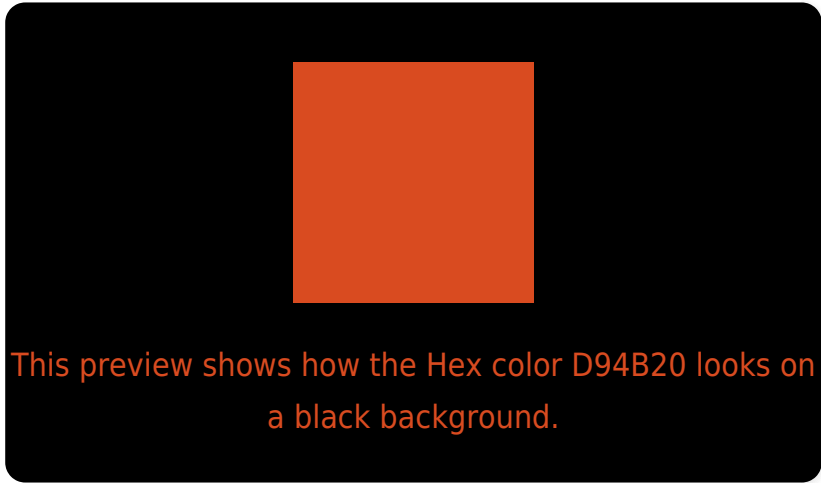
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94B20 Background



This preview shows how black text looks on a background with the Hex color D94B20.

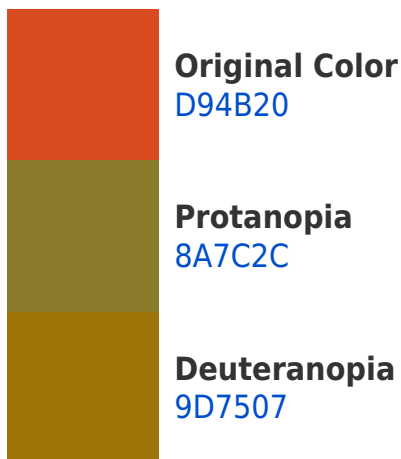



This preview shows how white text looks on a background with the Hex color D94B20.

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





Tritanopia
DA474A

Trichromacy



Original Color
D94B20

Protanomaly
A76A28

Deuteranomaly
B36610

Tritanomaly
DA483B

Monochromacy



Original Color
D94B20

Achromatopsia
717171

Achromatomaly
976354

CSS Examples

Text

The CSS property to change the color of the text to Hex D94B20 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 #D94B20 looks like.

```
.text, #text, p{  
    color:#D94B20  
}
```

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 #D94B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94B20
}
```

Border

The CSS property to change the border of an element to Hex D94B20 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
#D94B20 }
```

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

```
.border{ border-color:#D94B20 }
```

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

Here you see how a box with a 4 pixel #D94B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94B20; -webkit-box-shadow:4px 4px  
4px 4px #D94B20; box-shadow:4px 4px 4px  
4px #D94B20 }
```

Background

The CSS property to change the background color of an element to Hex D94B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94B20 }
```

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

```
.background{ background-color:#D94B20 }
```

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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