

# Converting Colors

Hex(D94F25)

Have a look what the booklet for  
Hex(D94F25) contains.

<b>Hex(D94F25)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D94F25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D94F25
RGB	217, 79, 37
RGB Percent	85%, 31%, 15%
CMY	0.1490, 0.6902, 0.8549
CMYK	0.00, 0.64, 0.83, 0.15
HSL	14°, 71%, 50%
HSV	14°, 83%, 85%
XYZ	31.7452, 20.4772, 4.0296
YIQ	115.4740, 95.7300, 16.1940

# Conversions

## Conversions Part 2

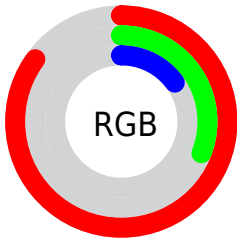
Format	Color
R <sub>YB</sub>	217, 92, 37
Decimal	14241573
CIE Lab	52.37, 52.20, 51.23
CIE LCh	52, 73.142, 44.465
Yxy	20.4772, 0.5643, 0.3640
Android (android.graphics.Color)	4292431653 (0xFFD94F25)
YUV	115.4740, -38.6877, 89.0383
Hunter-Lab	45.2518, 46.0312, 26.3966

# Details

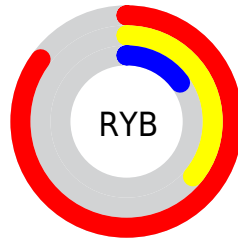
The Hex color **D94F25** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25AFD9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8656**, and **9A1100** is the 20% darker color. If you saturate the color by 10%, you get **D93E0F**, and if you desaturate by 10%, it is **D9603B**.

# Distribution



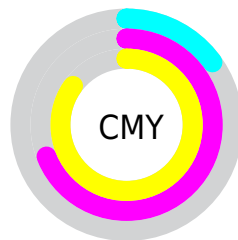
- Red (85%)
- Green (31%)
- Blue (15%)



- Red (85%)
- Yellow (36%)
- Blue (15%)



- Cyan (0%)
- Magenta (64%)
- Yellow (83%)
- Black (15%)



- Cyan (15%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94F25 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 D94F25 by changing the saturation by 10% instead.



 D94F25

 D94F25

FFFFFF

 B9330B

 FF8656

 9A1100

 FFA16F

 7B0000

 FFBD89

 5D0000

 FFDA44

 400001

 FFF7C0

 210001

 FFFFDC

 000000

 FFFFF9

 D94F25

 D94F25

 D93E0F

 D9603B

 D93300

 D97050

 D98166

 D9927C

 D9A292

 D9B3A7

 D9C3BD

 D9D4D3

 D9E5E8

# Harmonies

## Analogous

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



EA3062



D94F25



B26E00

# Triad

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



D94F25



009659



007AF8

# Complementary

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



D94F25



25AFD9

# 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.



008EF7



D94F25



00989B

# Square

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



D94F25



289010



0096D4



A45CD8

# Rectangle

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



D94F25



8F7D00



0096D4



0082FB



# Sweetspot

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



D94F25



FFCEBF



D925AF



806259



000000



808080



# Same Dimension

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



D94F25



FF3C00



D9A925



6E6563



AD2800



2E0B00

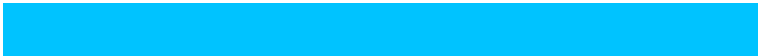


# Inverse Universe

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



25AFD9



00C3FF



2555D9



636B6E



0085AD



00232E



# Previews

## White Background



This preview shows how the Hex color D94F25 looks on a white background.

## Color Contrast Check

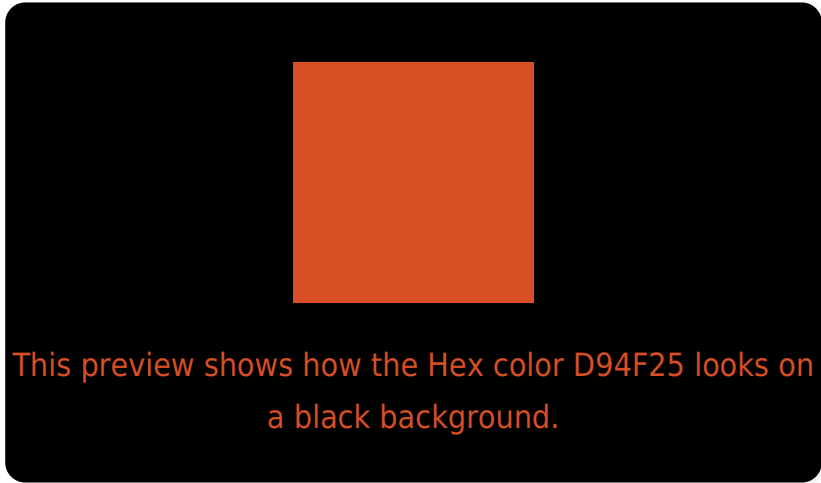
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94F25 Background



This preview shows how black text looks on a background with the Hex color D94F25.



This preview shows how white text looks on a background with the Hex color D94F25.

# 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**  
D94F25

**Protanopia**  
8C7E31

**Deuteranopia**  
9E7715



**Tritanopia**  
DA4B4F

# Trichromacy



**Original Color**  
D94F25

**Protanomaly**  
A86D2D

**Deuteranomaly**  
B3681B

**Tritanomaly**  
DA4C40

# Monochromacy



**Original Color**  
D94F25

**Achromatopsia**  
737373

**Achromatomaly**  
986657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94F25 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 #D94F25 looks like.

```
.text, #text, p{  
    color:#D94F25  
}
```

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 #D94F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94F25
}
```

## Border

The CSS property to change the border of an element to Hex D94F25 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".

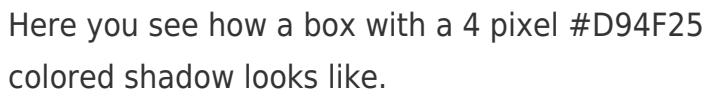
```
.border, #border, table{ border:4px solid
#D94F25 }
```

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

```
.border{ border-color:#D94F25 }
```

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

Here you see how a box with a 4 pixel #D94F25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94F25; -webkit-box-shadow:4px 4px  
4px 4px #D94F25; box-shadow:4px 4px 4px  
4px #D94F25 }
```

# Background

The CSS property to change the background color of an element to Hex D94F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94F25 }
```

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

```
.background{ background-color:#D94F25 }
```

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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