

Converting Colors

Hex(DA451F)

Have a look what the booklet for
Hex(DA451F) contains.

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Color

Hex(DA451F)

Conversions

Conversions Part 1

Format	Color
Hex	DA451F
RGB	218, 69, 31
RGB Percent	85%, 27%, 12%
CMY	0.1451, 0.7294, 0.8784
CMYK	0.00, 0.68, 0.86, 0.15
HSL	12°, 75%, 49%
HSV	12°, 86%, 85%
XYZ	31.2889, 19.2606, 3.3649
YIQ	109.2190, 101.0020, 19.7700

Conversions

Conversions Part 2

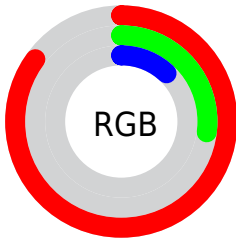
Format	Color
RYB	218, 79, 31
Decimal	14304543
CIELab	50.99, 56.49, 52.74
CIElCh	51, 77.279, 43.035
Yxy	19.2606, 0.5803, 0.3572
Android (android.graphics.Color)	4292494623 (0xFFDA451F)
YUV	109.2190, -38.5620, 95.4009
Hunter-Lab	43.8869, 50.4584, 26.1750

Details

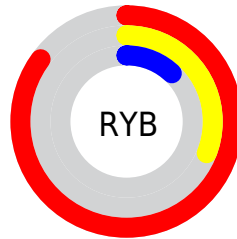
The Hex color **DA451F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1FB4DA**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7D50**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DA3409**, and if you desaturate by 10%, it is **DA5635**.

Distribution



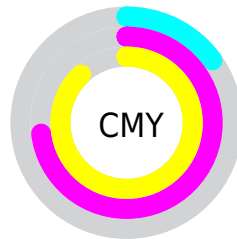
- Red (85%)
- Green (27%)
- Blue (12%)



- Red (85%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (68%)
- Yellow (86%)
- Black (15%)



- Cyan (15%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA451F 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 DA451F by changing the saturation by 10% instead.

 DA451F

 DA451F

FFFFFF

 BA2603

 FF7D50

 9B0000

 FF9969

 7B0000

 FFB583

 5C0000

 FFD29E

 410002

 FFEFB9

 1F0001

 FFFFD5

 000000

 FFFFF2

 DA451F

 DA451F

 DA3409

 DA5635

 DA2C00

 DA684B

 DA7960

 DA8A76

 DA9C8C

 DAADA2

 DABFB8

 DAD0CD

 DAE1E3

Harmonies

Analogous

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



EB1B60



DA451F



B16800

Triad

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



DA451F



009350



0078FC

Complementary

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



DA451F



1FB4DA

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



DA451F



009695

Square

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



DA451F



1F8D00



0094D3



9E58DB

Rectangle

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



DA451F



8E7900



0094D3



0080FF

Sweetspot

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



DA451F



FFCABD



DA1FB5



806058



000000



808080

Same Dimension

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



DA451F



FF3400



DAA21F



6E6563



AD2300



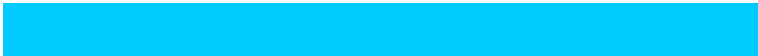
2E0900

Inverse Universe

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



1FB4DA



00CBFF



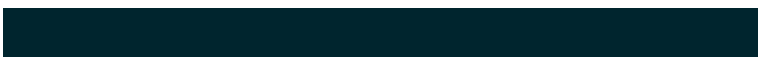
1F57DA



636B6E



008AAD



00252E

Previews

White Background



This preview shows how the Hex color DA451F looks on a white background.

Color Contrast Check

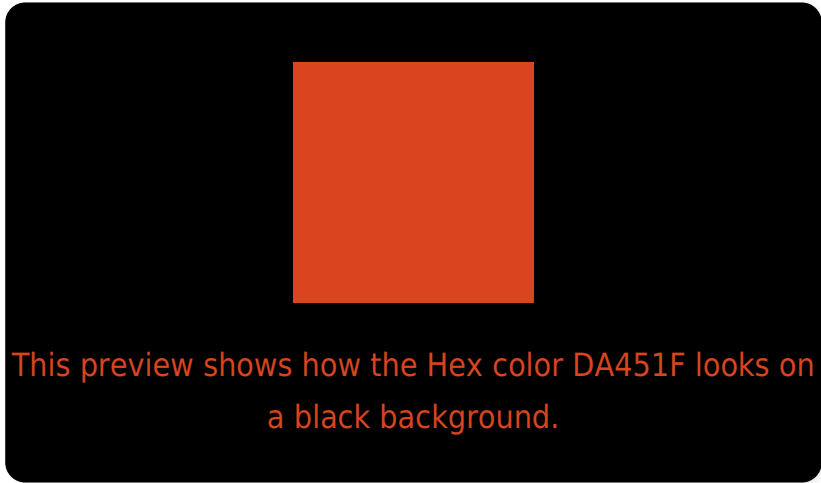
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA451F Background



This preview shows how black text looks on a background with the Hex color DA451F.

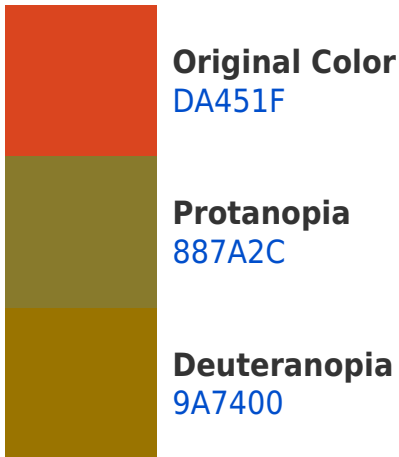


This preview shows how white text looks on a background with the Hex color DA451F.

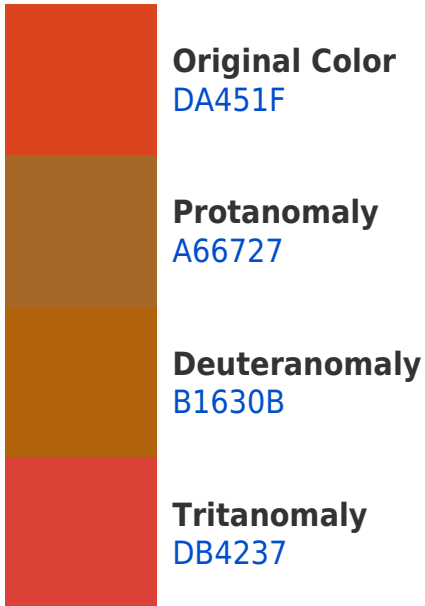
Color Blindness Simulation

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](#).

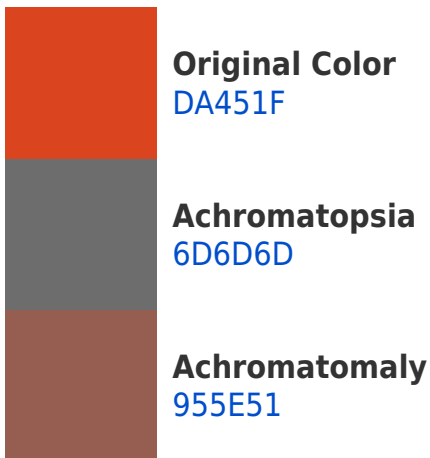
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA451F 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 #DA451F looks like.

```
.text, #text, p{  
    color:#DA451F  
}
```

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 #DA451F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA451F
}
```

Border

The CSS property to change the border of an element to Hex DA451F 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".

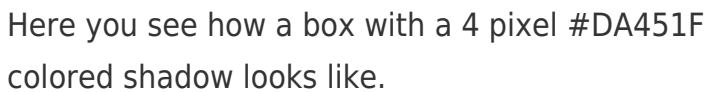
```
.border, #border, table{ border:4px solid
#DA451F }
```

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

```
.border{ border-color:#DA451F }
```

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

Here you see how a box with a 4 pixel #DA451F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA451F; -webkit-box-shadow:4px 4px  
4px 4px #DA451F; box-shadow:4px 4px 4px  
4px #DA451F }
```

Background

The CSS property to change the background color of an element to Hex DA451F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA451F }
```

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

```
.background{ background-color:#DA451F }
```

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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