

Converting Colors

Hex(D1401F)

Have a look what the booklet for
Hex(D1401F) contains.

Hex(D1401F)	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(D1401F)

Conversions

Conversions Part 1

Format	Color
Hex	D1401F
RGB	209, 64, 31
RGB Percent	82%, 25%, 12%
CMY	0.1804, 0.7490, 0.8784
CMYK	0.00, 0.69, 0.85, 0.18
HSL	11°, 74%, 47%
HSV	11°, 85%, 82%
XYZ	28.3752, 17.3210, 3.1441
YIQ	103.5930, 97.0130, 20.4770

Conversions

Conversions Part 2

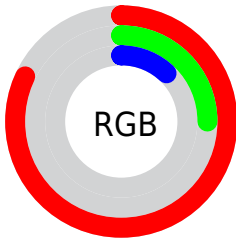
Format	Color
RYB	209, 72, 31
Decimal	13713439
CIELab	48.66, 55.46, 50.13
CIElCh	49, 74.754, 42.111
Yxy	17.3210, 0.5810, 0.3546
Android (android.graphics.Color)	4291903519 (0xFFD1401F)
YUV	103.5930, -35.7883, 92.4419
Hunter-Lab	41.6185, 48.8675, 24.6539

Details

The Hex color **D1401F** 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 **1FB0D1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF784F**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D12F0A**, and if you desaturate by 10%, it is **D15134**.

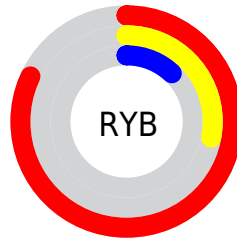
Distribution



Red (82%)

Green (25%)

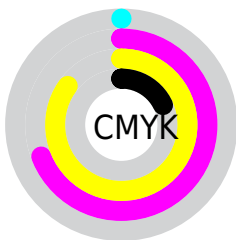
Blue (12%)



Red (82%)

Yellow (28%)

Blue (12%)

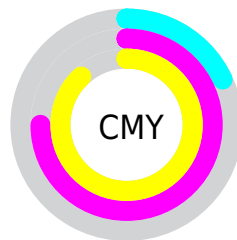


Cyan (0%)

Magenta (69%)

Yellow (85%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1401F 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 D1401F by changing the saturation by 10% instead.

 D1401F

 D1401F

FFFFFF

 B12105

 FF784F

 920000

 FF9468

 730000

 FFB082

 540000

 FFCC9D

 390002

 FFE9B8

 100000

 FFFFD4

 000000

 FFFFF1

 D1401F

 D1401F

 D12F0A

 D15134

 D12700

 D16249

 D1735E

 D18473

 D19588

 D1A69C

 D1B7B1

 D1C8C6

 D1D9DB

Harmonies

Analogous

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



E0185D



D1401F



AB6200

Triad

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



D1401F



008C4A



0073F1

Complementary

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



D1401F



1FB0D1

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.



0085ED



D1401F



008E8C

Square

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



D1401F



228600



008DC8



9454D3

Rectangle

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



D1401F



897300



008DC8



007BF4

Sweetspot

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



D1401F



FFC9BD



D11FB0



805F58



000000



808080

Same Dimension

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



D1401F



FF2F00



D1991F



69605E



A81F00



290800

Inverse Universe

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



1FB0D1



00D0FF



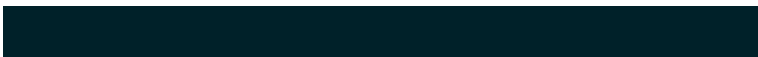
1F57D1



5E6769



0089A8



002129

Previews

White Background



This preview shows how the Hex color D1401F looks on a white background.

Color Contrast Check

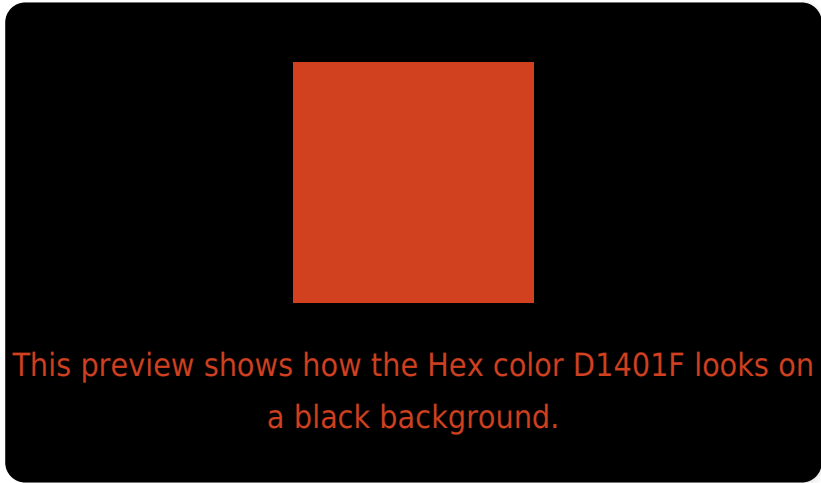
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

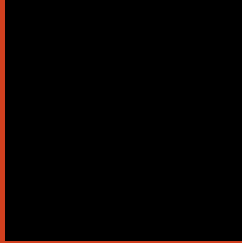
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D1401F Background



This preview shows how black text looks on a background with the Hex color D1401F.

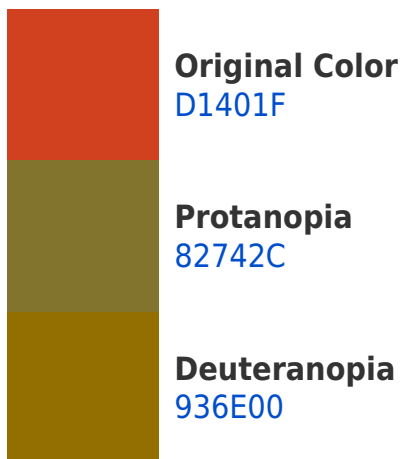


This preview shows how white text looks on a background with the Hex color D1401F.

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](#).

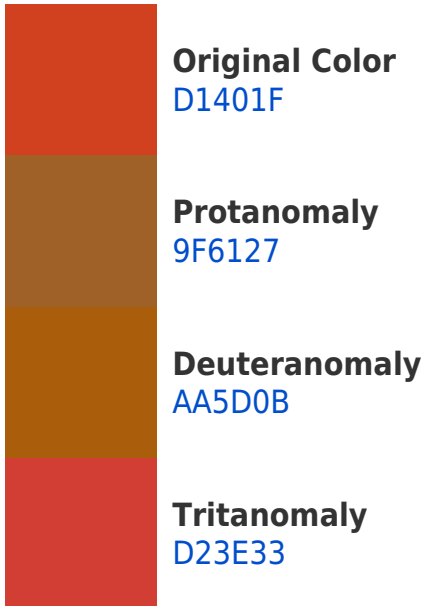
Dichromacy



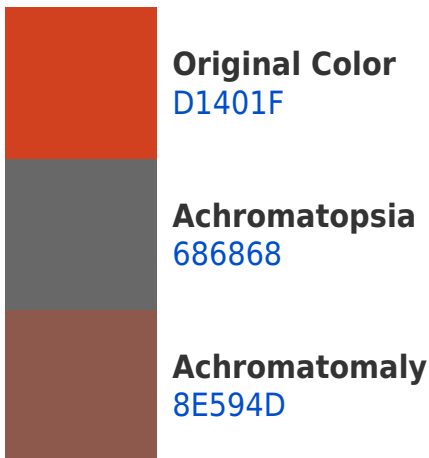


Tritanopia
D23D3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1401F 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 #D1401F looks like.

```
.text, #text, p{  
    color:#D1401F  
}
```

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 #D1401F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1401F
}
```

Border

The CSS property to change the border of an element to Hex D1401F is called "border". The border property can be set on classes, ids or directly on the HTML element.

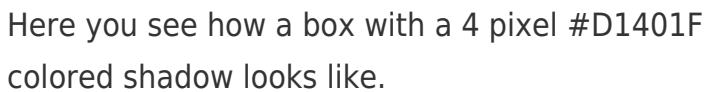
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1401F }
```

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

```
.border{ border-color:#D1401F }
```

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



Here you see how a box with a 4 pixel #D1401F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1401F; -webkit-box-shadow:4px 4px  
4px 4px #D1401F; box-shadow:4px 4px 4px  
4px #D1401F }
```

Background

The CSS property to change the background color of an element to Hex D1401F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1401F }
```

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

```
.background{ background-color:#D1401F }
```

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