

Converting Colors

Hex(D2531F)

Have a look what the booklet for
Hex(D2531F) contains.

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Color

Hex(D2531F)

Conversions

Conversions Part 1

Format	Color
Hex	D2531F
RGB	210, 83, 31
RGB Percent	82%, 33%, 12%
CMY	0.1765, 0.6745, 0.8784
CMYK	0.00, 0.60, 0.85, 0.18
HSL	17°, 74%, 47%
HSV	17°, 85%, 82%
XYZ	29.9189, 19.9871, 3.5773
YIQ	115.0450, 92.3840, 10.7520

Conversions

Conversions Part 2

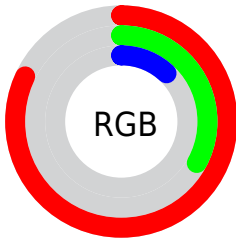
Format	Color
R_{YB}	210, 104, 31
Decimal	13783839
CIE _{Lab}	51.82, 47.79, 52.88
CIE _{LCh}	52, 71.273, 47.896
Yxy	19.9871, 0.5594, 0.3737
Android (android.graphics.Color)	4291973919 (0xFFD2531F)
YUV	115.0450, -41.4342, 83.2755
Hunter-Lab	44.7069, 41.2193, 26.5506

Details

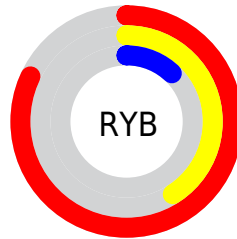
The Hex color **D2531F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1F9ED2**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8951**, and **941B00** is the 20% darker color. If you saturate the color by 10%, you get **D2440A**, and if you desaturate by 10%, it is **D26234**.

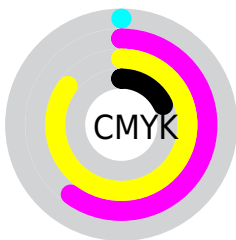
Distribution



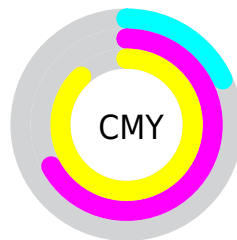
- Red (82%)
- Green (33%)
- Blue (12%)



- Red (82%)
- Yellow (41%)
- Blue (12%)



- Cyan (0%)
- Magenta (60%)
- Yellow (85%)
- Black (18%)



- Cyan (18%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2531F 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 D2531F by changing the saturation by 10% instead.

 D2531F

 D2531F

FFFFFF

 B33802

 FF8951

 941B00

 FFA46A

 750000

 FFC084

 570000

 FFDD9F

 3C0001

 FFFABB

 190001

 FFFFD7

 000000

 FFFFF3

 D2531F

 D2531F

 D2440A

 D26234

 D23D00

 D27149

 D2805E

 D28F73

 D29D88

 D2AC9D

 D2BBB2

 D2CAC7

 D2D9DC

Harmonies

Analogous

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



E5355A



D2531F



AA7000

Triad

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



D2531F



009560



3076F1

Complementary

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



D2531F



1F9ED2

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.



008AF4



D2531F



00969F

Square

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



D2531F



178F1D



0094D6



AA58CE

Rectangle

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



D2531F



877E00



0094D6



007EF6

Sweetspot

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



D2531F



FFD0BD



D21F9F



806358



000000



808080

Same Dimension

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



D2531F



FF4A00



D2AB1F



69615E



A83100



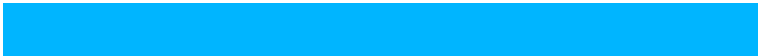
290C00

Inverse Universe

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



1F9ED2



00B5FF



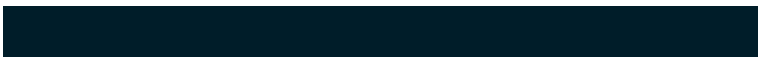
1F46D2



5E6669



0077A8



001D29

Previews

White Background



This preview shows how the Hex color D2531F looks on a white background.

Color Contrast Check

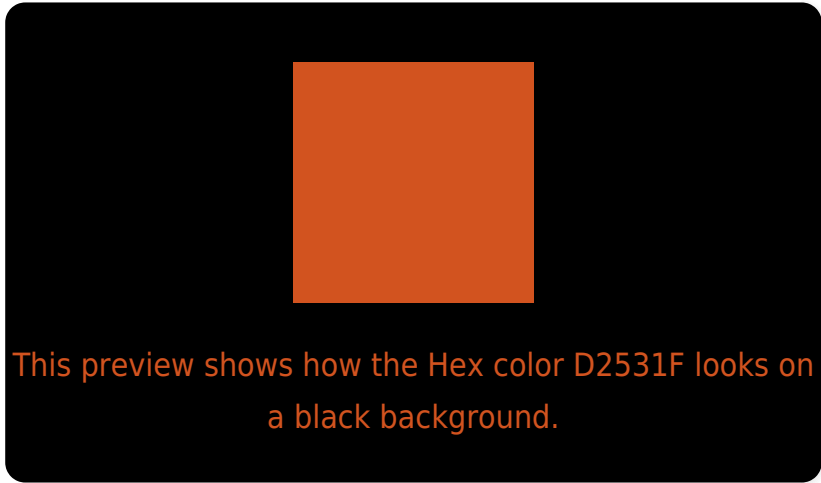
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2531F Background



This preview shows how black text looks on a background with the Hex color D2531F.



This preview shows how white text looks on a background with the Hex color D2531F.

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
D2531F

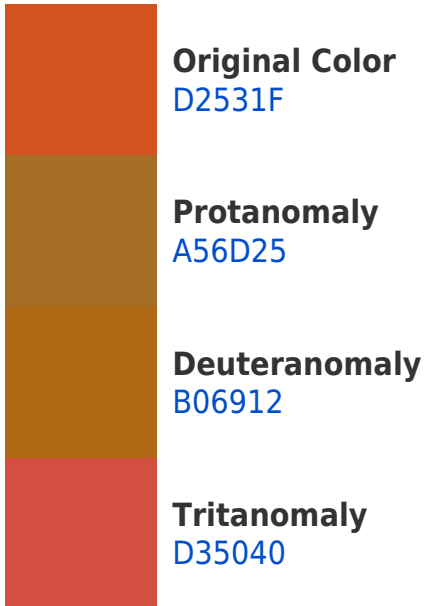
Protanopia
8B7C29

Deuteranopia
9D760B



Tritanopia
D44E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2531F 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 #D2531F looks like.

```
.text, #text, p{  
    color:#D2531F  
}
```

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 #D2531F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2531F
}
```

Border

The CSS property to change the border of an element to Hex D2531F 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
#D2531F }
```

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

```
.border{ border-color:#D2531F }
```

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

Here you see how a box with a 4 pixel #D2531F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2531F; -webkit-box-shadow:4px 4px  
4px 4px #D2531F; box-shadow:4px 4px 4px  
4px #D2531F }
```

Background

The CSS property to change the background color of an element to Hex D2531F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2531F }
```

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

```
.background{ background-color:#D2531F }
```

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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