

Converting Colors

Hex(DE2F1F)

Have a look what the booklet for
Hex(DE2F1F) contains.

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Color

Hex(DE2F1F)

Conversions

Conversions Part 1

Format	Color
Hex	DE2F1F
RGB	222, 47, 31
RGB Percent	87%, 18%, 12%
CMY	0.1294, 0.8157, 0.8784
CMYK	0.00, 0.79, 0.86, 0.13
HSL	5°, 75%, 50%
HSV	5°, 86%, 87%
XYZ	31.3880, 17.6616, 3.0510
YIQ	97.5010, 109.4360, 32.1240

Conversions

Conversions Part 2

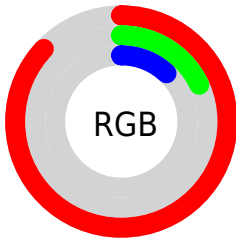
Format	Color
R_{YB}	222, 48, 31
Decimal	14561055
CIE _{Lab}	49.08, 65.07, 51.47
CIE _{LCh}	49, 82.965, 38.340
Yxy	17.6616, 0.6025, 0.3390
Android (android.graphics.Color)	4292751135 (0xFFDE2F1F)
YUV	97.5010, -32.7850, 109.1856
Hunter-Lab	42.0257, 59.7728, 25.1136

Details

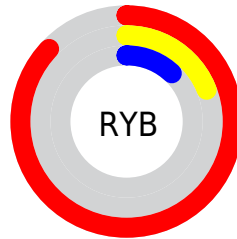
The Hex color **DE2F1F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1FCEDE**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D4F**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DE1B09**, and if you desaturate by 10%, it is **DE4335**.

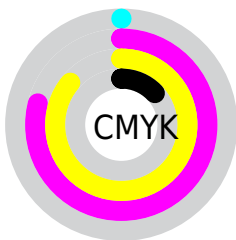
Distribution



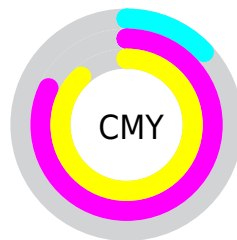
- Red (87%)
- Green (18%)
- Blue (12%)



- Red (87%)
- Yellow (19%)
- Blue (12%)



- Cyan (0%)
- Magenta (79%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE2F1F 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 DE2F1F by changing the saturation by 10% instead.

 DE2F1F

 DE2F1F

FFFFFF

 BD0006

 FF6D4F

 9E0000

 FF8968

 7D0000

 FFA681

 5E0000

 FFC39C

 420003

 FFE1B7

 200001

 FFFFD3

 000000

 FFFFF0

 DE2F1F

 DE2F1F

 DE1B09

 DE4335

 DE1300

 DE584B

 DE6C62

 DE8078

 DE958E

 DEA9A4

 DEBDBA

 DED2D1

 DEE6E7

Harmonies

Analogous

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



EC0065



DE2F1F



B65D00

Triad

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



DE2F1F



008E3C



0078FF

Complementary

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



DE2F1F



1FCEDE

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.



008AF9



DE2F1F



009187

Square

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



DE2F1F



248700



0091CB



8956E5

Rectangle

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



DE2F1F



927100



0091CB



0080FF

Sweetspot

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



DE2F1F



FFC2BD



DE1FCE



805B58



000000



808080

Same Dimension

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



DE2F1F



FF1500



DE8E1F



706665



B00F00



300400

Inverse Universe

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



1FCEDE



00EAFF



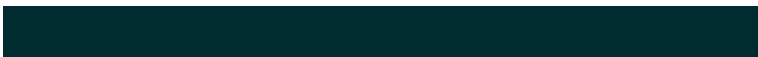
1F6FDE



656F70



00A1B0



002C30

Previews

White Background



This preview shows how the Hex color DE2F1F looks on a white background.

Color Contrast Check

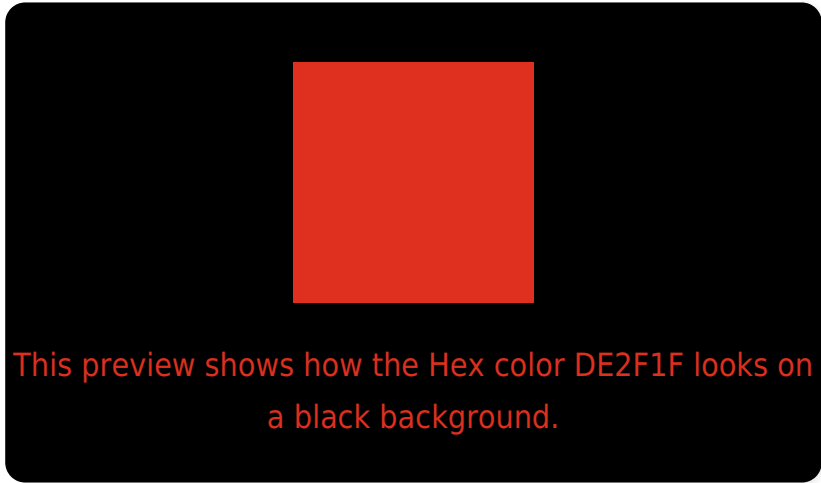
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 DE2F1F Background



This preview shows how black text looks on a background with the Hex color DE2F1F.



This preview shows how white text looks on a background with the Hex color DE2F1F.

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

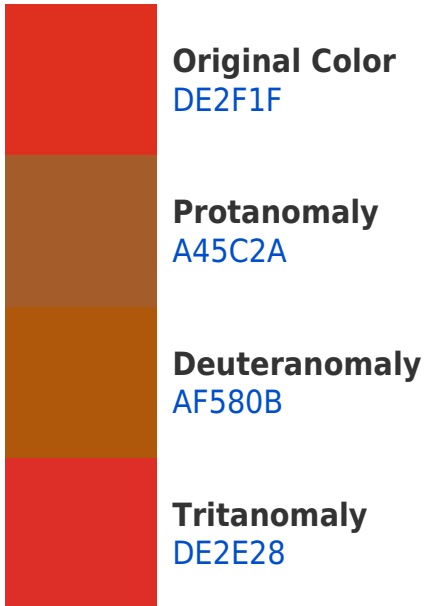


Original Color
DE2F1F

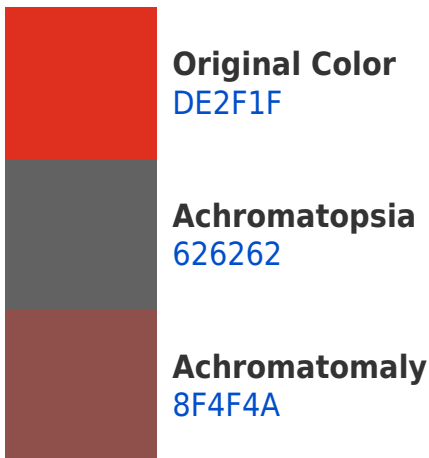
Protanopia
837630

Deuteranopia
946F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE2F1F 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 #DE2F1F looks like.

```
.text, #text, p{  
    color:#DE2F1F  
}
```

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 #DE2F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE2F1F
}
```

Border

The CSS property to change the border of an element to Hex DE2F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

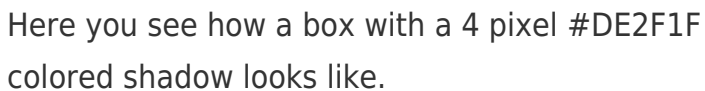
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE2F1F }
```

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

```
.border{ border-color:#DE2F1F }
```

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



Here you see how a box with a 4 pixel #DE2F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE2F1F; -webkit-box-shadow:4px 4px  
4px 4px #DE2F1F; box-shadow:4px 4px 4px  
4px #DE2F1F }
```

Background

The CSS property to change the background color of an element to Hex DE2F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE2F1F }
```

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

```
.background{ background-color:#DE2F1F }
```

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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