

# Converting Colors

Hex(DA251D)

Have a look what the booklet for  
Hex(DA251D) contains.

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# Color

**Hex(DA251D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA251D
RGB	218, 37, 29
RGB Percent	85%, 15%, 11%
CMY	0.1451, 0.8549, 0.8863
CMYK	0.00, 0.83, 0.87, 0.15
HSL	3°, 77%, 48%
HSV	3°, 87%, 85%
XYZ	29.7968, 16.3173, 2.7415
YIQ	90.2070, 110.4440, 35.8840

# Conversions

## Conversions Part 2

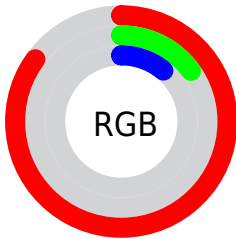
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 37, 29
Decimal	14296349
CIE Lab	47.39, 66.44, 50.67
CIE LCh	47, 83.555, 37.332
Yxy	16.3173, 0.6099, 0.3340
Android (android.graphics.Color)	4292486429 (0xFFDA251D)
YUV	90.2070, -30.1751, 112.0745
Hunter-Lab	40.3946, 60.9785, 24.2524

# Details

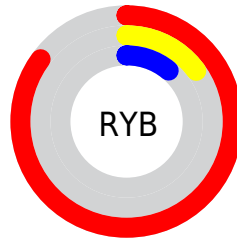
The Hex color **DA251D** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1DD2DA**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF664C**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **DA1007**, and if you desaturate by 10%, it is **DA3A33**.

# Distribution



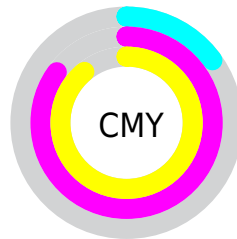
- Red (85%)
- Green (15%)
- Blue (11%)



- Red (85%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (87%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA251D 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 DA251D by changing the saturation by 10% instead.



 DA251D

 DA251D

FFFFFF

 B90004

 FF664C

 990000

 FF8365

 790000

 FFA07F

 5A0001

 FFBD99

 3D0003

 FFDAB4

 190001

 FFF8D0

 000000

 FFFFED

 DA251D

 DA251D

 DA1007

 DA3A33

 DA0900

 DA4F49

 DA645E

 DA7974

 DA8D8A

 DAA2A0

 DAB7B6

 DACCCB

 DAE1E1

# Harmonies

## Analogous

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



E70063



DA251D



B35700

# Triad

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



DA251D



008A35



0075FF

# Complementary

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



DA251D



1DD2DA

# 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.



0086F4



DA251D



008D81

# Square

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



DA251D



218300



008CC5



8153E2

# Rectangle

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



DA251D



8F6C00



008CC5



007CFF



# Sweetspot

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



DA251D



FFC0BD



DA1DD4



805A58



000000



808080



# Same Dimension

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



DA251D



FF0B00



DA821D



6E6363



AD0700



2E0200



# Inverse Universe

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



1DD2DA



00F4FF



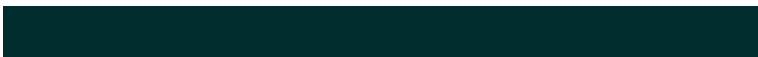
1D75DA



636D6E



00A6AD



002C2E



# Previews

## White Background



This preview shows how the Hex color DA251D looks on a white background.

## Color Contrast Check

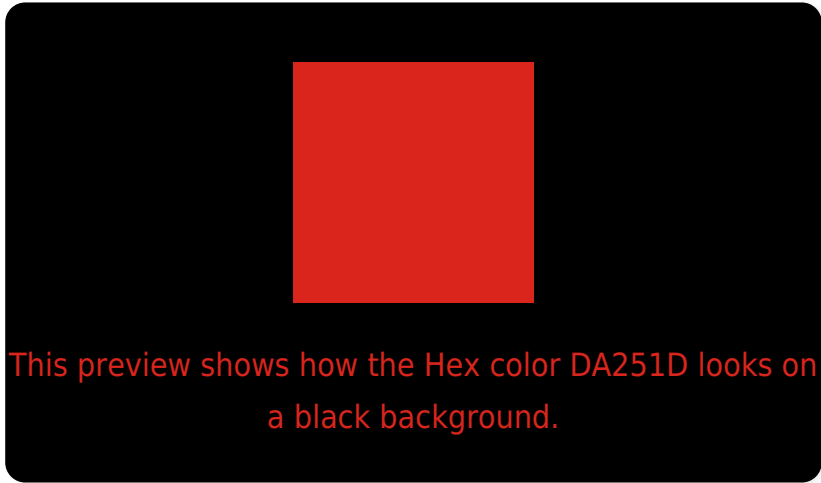
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA251D Background



This preview shows how black text looks on a background with the Hex color DA251D.



This preview shows how white text looks on a background with the Hex color DA251D.

# 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



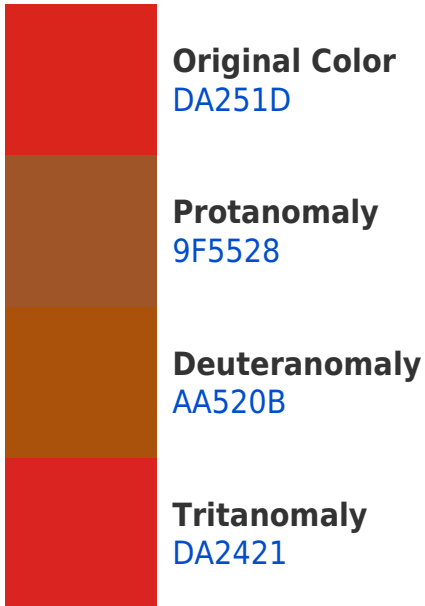
**Original Color**  
DA251D

**Protanopia**  
7E712F

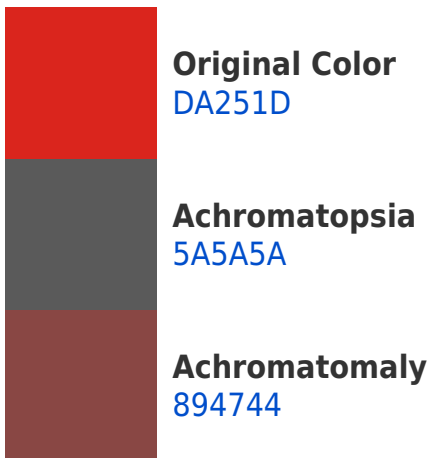
**Deuteranopia**  
8F6B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA251D 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 #DA251D looks like.

```
.text, #text, p{  
    color:#DA251D  
}
```

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 #DA251D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA251D
}
```

## Border

The CSS property to change the border of an element to Hex DA251D 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".

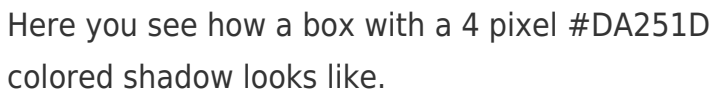
```
.border, #border, table{ border:4px solid
#DA251D }
```

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

```
.border{ border-color:#DA251D }
```

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

Here you see how a box with a 4 pixel #DA251D colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA251D; -webkit-box-shadow:4px 4px  
4px 4px #DA251D; box-shadow:4px 4px 4px  
4px #DA251D }
```

# Background

The CSS property to change the background color of an element to Hex DA251D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA251D }
```

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

```
.background{ background-color:#DA251D }
```

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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