

Converting Colors

Hex(D51A3D)

Have a look what the booklet for
Hex(D51A3D) contains.

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Color

Hex(D51A3D)

Conversions

Conversions Part 1

Format	Color
Hex	D51A3D
RGB	213, 26, 61
RGB Percent	84%, 10%, 24%
CMY	0.1647, 0.8980, 0.7608
CMYK	0.00, 0.88, 0.71, 0.16
HSL	349°, 78%, 47%
HSV	349°, 88%, 84%
XYZ	28.6523, 15.2218, 5.8428
YIQ	85.9030, 100.2170, 50.5290

Conversions

Conversions Part 2

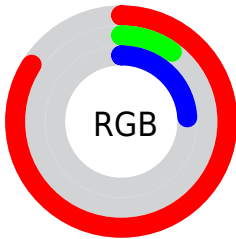
Format	Color
RYB	213, 26, 61
Decimal	13965885
CIELab	45.94, 68.29, 31.35
CIElCh	46, 75.141, 24.659
Yxy	15.2218, 0.5763, 0.3062
Android (android.graphics.Color)	4292155965 (0xFFD51A3D)
YUV	85.9030, -12.2772, 111.4641
Hunter-Lab	39.0152, 62.8116, 18.4315

Details

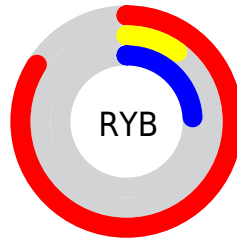
The Hex color **D51A3D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1AD5B2**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF606C**, and **960014** is the 20% darker color. If you saturate the color by 10%, you get **D5052C**, and if you desaturate by 10%, it is **D52F4E**.

Distribution



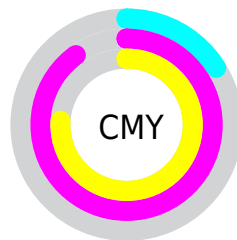
- Red (84%)
- Green (10%)
- Blue (24%)



- Red (84%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D51A3D 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 D51A3D by changing the saturation by 10% instead.

 D51A3D

 D51A3D

FFFFFF

 B50027

 FF606C

 960014

 FF7D86

 770000

 FF9BA0

 570002

 FFB8BB

 3A0002

 FFD5D6

 120000

 FFF3F3

 000000

 D51A3D

 D51A3D

 D5052C

 D52F4E

 D50028

 D54560

 D55A71

 D56F82

 D58594

 D59AA5

 D5AFB6

 D5C4C8

 D5DAD9

Harmonies

Analogous

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



D3007B



D51A3D



BB4800

Triad

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



D51A3D



008218



0079EC

Complementary

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



D51A3D



1AD5B2

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.



0084D4



D51A3D



00865F

Square

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



D51A3D



527800



0087A0



4361E1

Rectangle

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



D51A3D



9F5E00



0087A0



007EE8

Sweetspot

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



D51A3D



FFBDC9



B01AD5



80585F



000000



808080

Same Dimension

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



D51A3D



FF0030



D5521A



6B6062



AB0020



2B0008

Inverse Universe

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



D51A3D



FF0030



1A9DD5



6B6062



AB0020



2B0008

Previews

White Background



This preview shows how the Hex color D51A3D looks on a white background.

Color Contrast Check

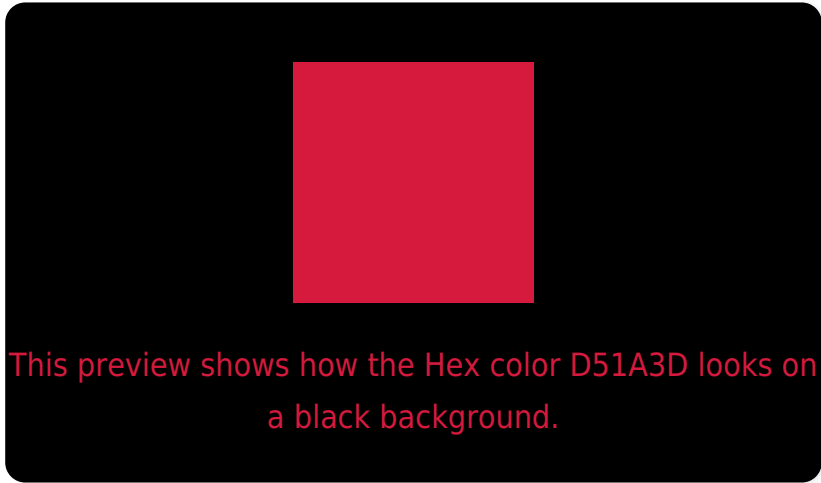
Large Text (above 18pt) WCAG AA ✓ Pass

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 D51A3D Background



This preview shows how black text looks on a background with the Hex color D51A3D.

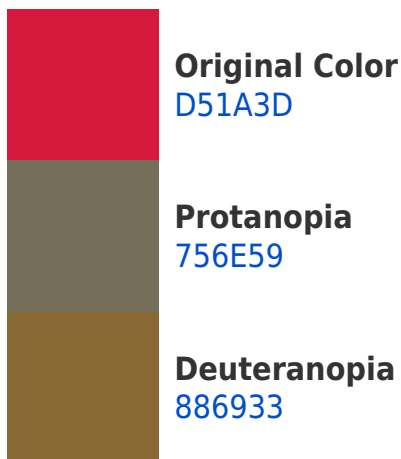


This preview shows how white text looks on a background with the Hex color D51A3D.

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
D4221F

Trichromacy



Original Color
D51A3D

Protanomaly
984F4F

Deuteranomaly
A44C37

Tritanomaly
D41F2A

Monochromacy



Original Color
D51A3D

Achromatopsia
565656

Achromatomaly
84404D

CSS Examples

Text

The CSS property to change the color of the text to Hex D51A3D 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 #D51A3D looks like.

```
.text, #text, p{  
    color:#D51A3D  
}
```

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 #D51A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51A3D
}
```

Border

The CSS property to change the border of an element to Hex D51A3D 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".

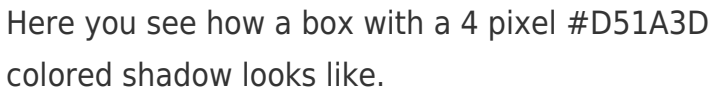
```
.border, #border, table{ border:4px solid
#D51A3D }
```

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

```
.border{ border-color:#D51A3D }
```

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

Here you see how a box with a 4 pixel #D51A3D colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #D51A3D colored shadow looks like.' The shadow is cast to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51A3D; -webkit-box-shadow:4px 4px  
4px 4px #D51A3D; box-shadow:4px 4px 4px  
4px #D51A3D }
```

Background

The CSS property to change the background color of an element to Hex D51A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51A3D }
```

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

```
.background{ background-color:#D51A3D }
```

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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