

Converting Colors

Hex(DB3119)

Have a look what the booklet for
Hex(DB3119) contains.

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Color

Hex(DB3119)

Conversions

Conversions Part 1

Format	Color
Hex	DB3119
RGB	219, 49, 25
RGB Percent	86%, 19%, 10%
CMY	0.1412, 0.8078, 0.9020
CMYK	0.00, 0.78, 0.89, 0.14
HSL	7°, 80%, 48%
HSV	7°, 89%, 86%
XYZ	30.4872, 17.3269, 2.6573
YIQ	97.0940, 109.0240, 28.5760

Conversions

Conversions Part 2

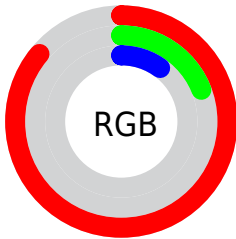
Format	Color
R_{YB}	219, 52, 25
Decimal	14364953
CIE Lab	48.67, 63.52, 53.49
CIE LCh	49, 83.038, 40.099
Yxy	17.3269, 0.6040, 0.3433
Android (android.graphics.Color)	4292555033 (0xFFDB3119)
YUV	97.0940, -35.5423, 106.9116
Hunter-Lab	41.6256, 57.8914, 25.3530

Details

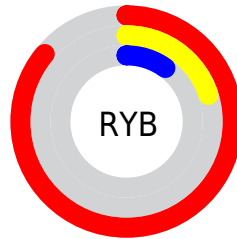
The Hex color **DB3119** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **19C3DB**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6D4A**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB1E03**, and if you desaturate by 10%, it is **DB442F**.

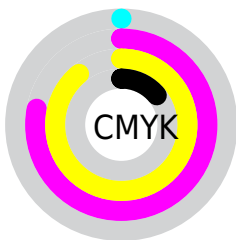
Distribution



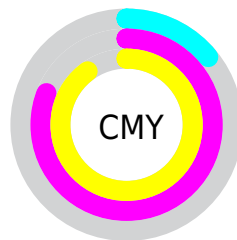
- Red (86%)
- Green (19%)
- Blue (10%)



- Red (86%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (78%)
- Yellow (89%)
- Black (14%)



- Cyan (14%)
- Magenta (81%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3119 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 DB3119 by changing the saturation by 10% instead.

 DB3119

 DB3119

FFFFFF

 BB0000

 FF6D4A

 9B0000

 FF8A63

 7B0000

 FFA77C

 5C0000

 FFC497

 3F0003

 FFE1B2

 1C0001

 FFFFCE

 000000

 FFFFEA

 DB3119

 DB3119

■ DB1E03

■ DB442F

■ DB1B00

■ DB5745

■ DB6B5B

■ DB7E71

■ DB9186

■ DBA49C

■ DBB7B2

■ DBCBC8

■ DBDEDE

Harmonies

Analogous

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



EA005F



DB3119



B25E00

Triad

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



DB3119



008E40



0076FF

Complementary

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



DB3119



19C3DB

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.



0088F9



DB3119



00908A

Square

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



DB3119



168700



0090CE



8F52E1

Rectangle

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



DB3119



8D7100



0090CE



007DFF

Sweetspot

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



DB3119



FFC3BA



DB19C4



805C57



000000



808080

Same Dimension

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



DB3119



FF2000



DB9119



6E6463



AD1500



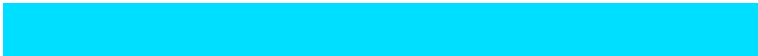
2E0600

Inverse Universe

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



19C3DB



00DFFF



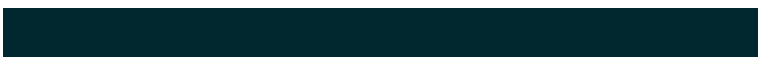
1963DB



636C6E



0098AD



00282E

Previews

White Background



This preview shows how the Hex color DB3119 looks on a white background.

Color Contrast Check

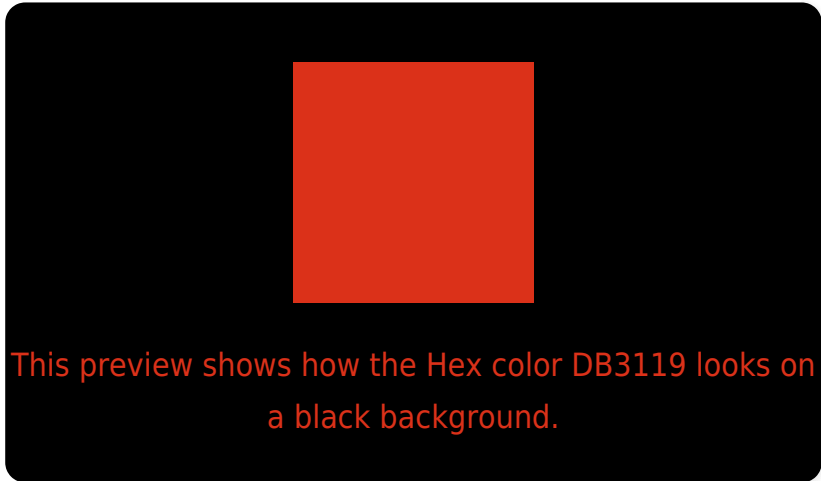
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3119 Background



This preview shows how black text looks on a background with the Hex color DB3119.



This preview shows how white text looks on a background with the Hex color DB3119.

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
DB3119

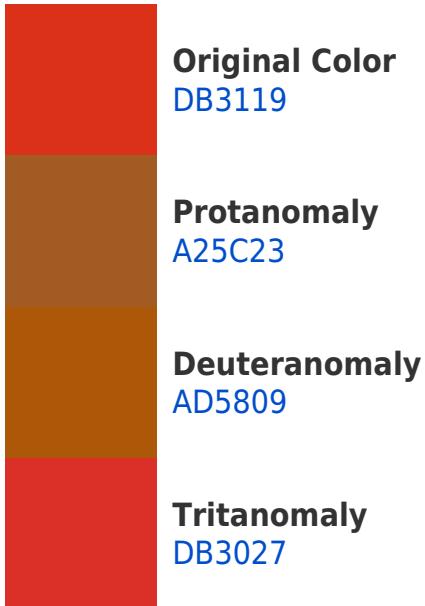
Protanopia
827529

Deuteranopia
936E00



Tritanopia
DB2F2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB3119 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 #DB3119 looks like.

```
.text, #text, p{  
    color:#DB3119  
}
```

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 #DB3119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3119
}
```

Border

The CSS property to change the border of an element to Hex DB3119 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".

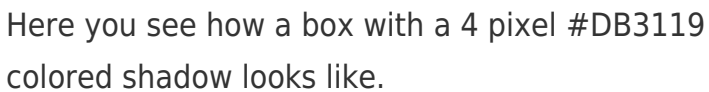
```
.border, #border, table{ border:4px solid
#DB3119 }
```

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

```
.border{ border-color:#DB3119 }
```

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

Here you see how a box with a 4 pixel #DB3119 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3119; -webkit-box-shadow:4px 4px  
4px 4px #DB3119; box-shadow:4px 4px 4px  
4px #DB3119 }
```

Background

The CSS property to change the background color of an element to Hex DB3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3119 }
```

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

```
.background{ background-color:#DB3119 }
```

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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