

Converting Colors

Hex(DB2519)

Have a look what the booklet for
Hex(DB2519) contains.

Hex(DB2519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB2519)

Conversions

Conversions Part 1

Format	Color
Hex	DB2519
RGB	219, 37, 25
RGB Percent	86%, 15%, 10%
CMY	0.1412, 0.8549, 0.9020
CMYK	0.00, 0.83, 0.89, 0.14
HSL	4°, 80%, 48%
HSV	4°, 89%, 86%
XYZ	30.0505, 16.4534, 2.5117
YIQ	90.0500, 112.3240, 34.8520

Conversions

Conversions Part 2

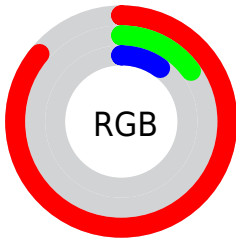
Format	Color
R_{YB}	219, 38, 25
Decimal	14361881
CIE _{Lab}	47.56, 66.64, 52.66
CIE _{LCh}	48, 84.936, 38.316
Yxy	16.4534, 0.6131, 0.3357
Android (android.graphics.Color)	4292551961 (0xFFDB2519)
YUV	90.0500, -32.0696, 113.0892
Hunter-Lab	40.5628, 61.2547, 24.7226

Details

The Hex color **DB2519** 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 **19CFDB**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6649**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB1003**, and if you desaturate by 10%, it is **DB3A2F**.

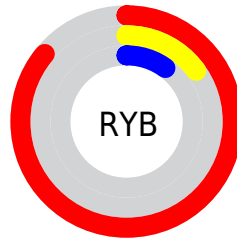
Distribution



Red (86%)

Green (15%)

Blue (10%)



Red (86%)

Yellow (15%)

Blue (10%)

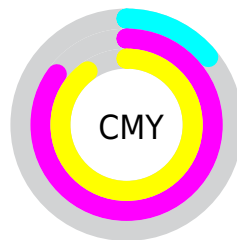


Cyan (0%)

Magenta (83%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (85%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB2519 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 DB2519 by changing the saturation by 10% instead.

 DB2519

 DB2519

FFFFFF

 BA0000

 FF6649

 9A0000

 FF8362

 7A0000

 FFA07B

 5B0001

 FFBD96

 3E0003

 FFDBB1

 1A0001

 FFF8CC

 000000

 FFFFEE9

 DB2519

 DB2519

 DB1003

 DB3A2F

 DB0E00

 DB4E45

 DB635B

 DB7771

 DB8C86

 DBA09C

 DBB5B2

 DBC9C8

 DBDEDE

Harmonies

Analogous

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



E90061



DB2519



B25900

Triad

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



DB2519



008B37



0075FF

Complementary

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



DB2519



19CFDB

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.



0087F8



DB2519



008D84

Square

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



DB2519



178400



008DC9



8551E3

Rectangle

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



DB2519



8D6D00



008DC9



007CFF

Sweetspot

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



DB2519



FFBEBA



DB19D1



805957



000000



808080

Same Dimension

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



DB2519



FF1000



DB8419



6E6363



AD0B00



2E0300

Inverse Universe

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



19CFDB



00EFFF



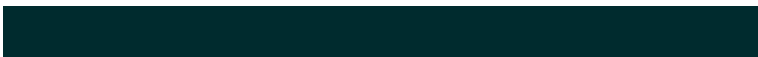
1970DB



636D6E



00A3AD



002B2E

Previews

White Background



This preview shows how the Hex color DB2519 looks on a white background.

Color Contrast Check

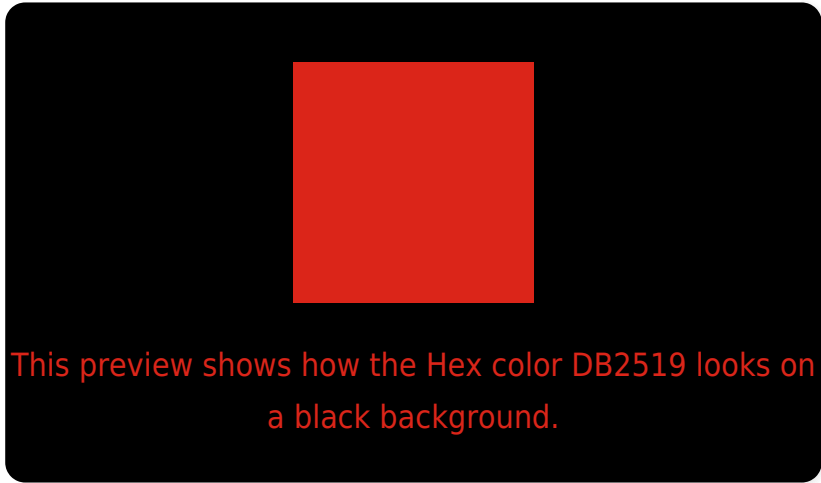
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB2519 Background



This preview shows how black text looks on a background with the Hex color DB2519.



This preview shows how white text looks on a background with the Hex color DB2519.

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

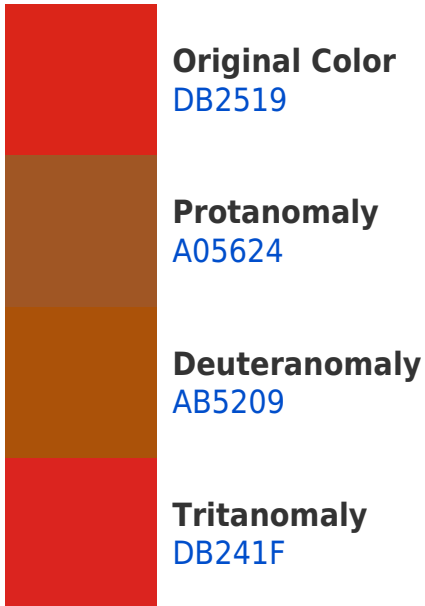


Original Color
DB2519

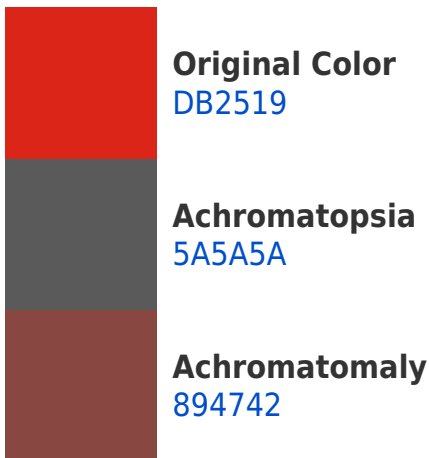
Protanopia
7F722A

Deuteranopia
906C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB2519 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 #DB2519 looks like.

```
.text, #text, p{  
    color:#DB2519  
}
```

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 #DB2519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2519
}
```

Border

The CSS property to change the border of an element to Hex DB2519 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
#DB2519 }
```

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

```
.border{ border-color:#DB2519 }
```

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

Here you see how a box with a 4 pixel #DB2519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2519; -webkit-box-shadow:4px 4px  
4px 4px #DB2519; box-shadow:4px 4px 4px  
4px #DB2519 }
```

Background

The CSS property to change the background color of an element to Hex DB2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2519 }
```

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

```
.background{ background-color:#DB2519 }
```

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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