

Converting Colors

Hex(DB1631)

Have a look what the booklet for
Hex(DB1631) contains.

Hex(DB1631)	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(DB1631)

Conversions

Conversions Part 1

Format	Color
Hex	DB1631
RGB	219, 22, 49
RGB Percent	86%, 9%, 19%
CMY	0.1412, 0.9137, 0.8078
CMYK	0.00, 0.90, 0.78, 0.14
HSL	352°, 82%, 47%
HSV	352°, 90%, 86%
XYZ	30.0547, 15.8556, 4.3821
YIQ	83.9810, 108.7450, 50.1610

Conversions

Conversions Part 2

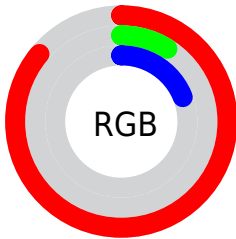
Format	Color
RYB	219, 22, 49
Decimal	14358065
CIELab	46.78, 70.02, 39.71
CIELCh	47, 80.493, 29.560
Yxy	15.8556, 0.5976, 0.3153
Android (android.graphics.Color)	4292548145 (0xFFDB1631)
YUV	83.9810, -17.2456, 118.4117
Hunter-Lab	39.8191, 65.0448, 21.3485

Details

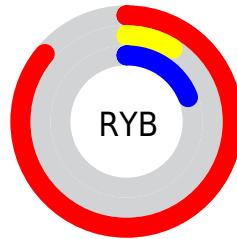
The Hex color **DB1631** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **16DBC0**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F60**, and **9B0005** is the 20% darker color. If you saturate the color by 10%, you get **DB001E**, and if you desaturate by 10%, it is **DB2C44**.

Distribution



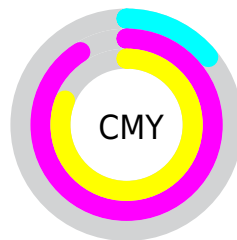
- Red (86%)
- Green (9%)
- Blue (19%)



- Red (86%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (90%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB1631 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 DB1631 by changing the saturation by 10% instead.

 DB1631

 DB1631

FFFFFF

 BB001C

 FF5F60

 9B0005

 FF7D79

 7B0000

 FF9A92

 5B0002

 FFB8AD

 3E0003

 FFD5C9

 1A0001

 FFF3E5

 000000

 DB1631

 DB1631

 DB001E

 DB2C44

 DB4257

 DB586A

 DB6E7D

 DB848F

 DB99A2

 DBAFB5

 DBC5C8

 DBDBDB

Harmonies

Analogous

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



DF0073



DB1631



BB4E00

Triad

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



DB1631



008621



0079F9

Complementary

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



DB1631



16DBC0

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.



0086E4



DB1631



008A6C

Square

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



DB1631



437E00



008BB1



5D5DE7

Rectangle

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



DB1631



9B6400



008BB1



007FF6

Sweetspot

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



DB1631



FFBAC4



BD16DB



80575C



000000



808080

Same Dimension

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



DB1631



FF0023



DB5B16



6E6364



AD0018



2E0006

Inverse Universe

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



DB1631



FF0023



1696DB



6E6364



AD0018



2E0006

Previews

White Background



This preview shows how the Hex color DB1631 looks on a white background.

Color Contrast Check

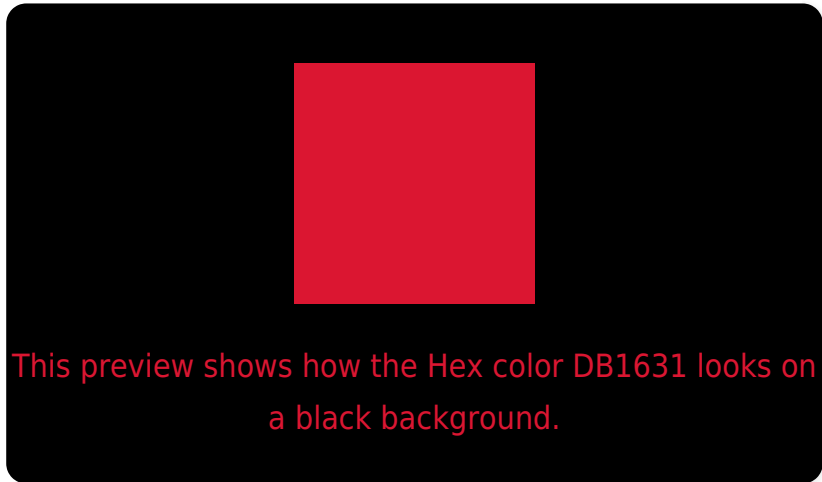
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB1631 Background



This preview shows how black text looks on a background with the Hex color DB1631.

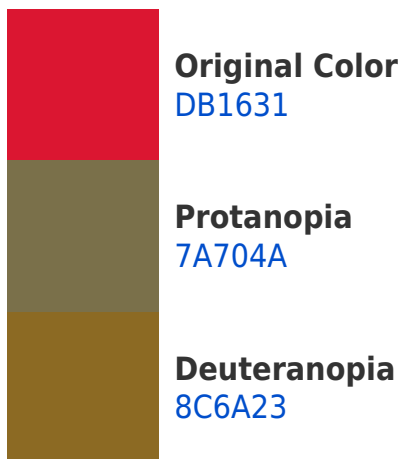


This preview shows how white text looks on a background with the Hex color DB1631.

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



Trichromacy



Original Color
DB1631

Protanomaly
9D4F41

Deuteranomaly
A94B28

Tritanomaly
DB1A20

Monochromacy



Original Color
DB1631

Achromatopsia
545454

Achromatomaly
853D47

CSS Examples

Text

The CSS property to change the color of the text to Hex DB1631 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 #DB1631 looks like.

```
.text, #text, p{  
    color:#DB1631  
}
```

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 #DB1631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB1631
}
```

Border

The CSS property to change the border of an element to Hex DB1631 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".

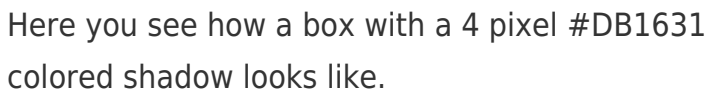
```
.border, #border, table{ border:4px solid
#DB1631 }
```

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

```
.border{ border-color:#DB1631 }
```

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

Here you see how a box with a 4 pixel #DB1631 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB1631; -webkit-box-shadow:4px 4px  
4px 4px #DB1631; box-shadow:4px 4px 4px  
4px #DB1631 }
```

Background

The CSS property to change the background color of an element to Hex DB1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB1631 }
```

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

```
.background{ background-color:#DB1631 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor