

Converting Colors

Hex(DB3028)

Have a look what the booklet for
Hex(DB3028) contains.

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Color

Hex(DB3028)

Conversions

Conversions Part 1

Format	Color
Hex	DB3028
RGB	219, 48, 40
RGB Percent	86%, 19%, 16%
CMY	0.1412, 0.8118, 0.8431
CMYK	0.00, 0.78, 0.82, 0.14
HSL	3°, 71%, 51%
HSV	3°, 82%, 86%
XYZ	30.6534, 17.3272, 3.7363
YIQ	98.2170, 104.4840, 33.7640

Conversions

Conversions Part 2

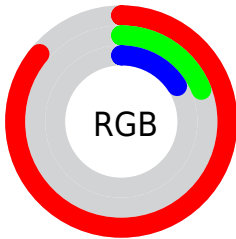
Format	Color
RYB	219, 48, 40
Decimal	14364712
CIELab	48.67, 64.14, 46.51
CIELCh	49, 79.225, 35.947
Yxy	17.3272, 0.5927, 0.3350
Android (android.graphics.Color)	4292554792 (0xFFDB3028)
YUV	98.2170, -28.7010, 105.9267
Hunter-Lab	41.6259, 58.6022, 23.8163

Details

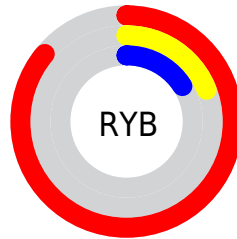
The Hex color **DB3028** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **28D3DB**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D57**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB1B12**, and if you desaturate by 10%, it is **DB453E**.

Distribution



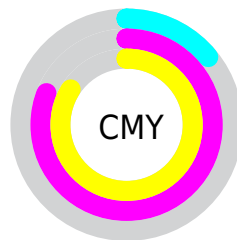
- Red (86%)
- Green (19%)
- Blue (16%)



- Red (86%)
- Yellow (19%)
- Blue (16%)



- Cyan (0%)
- Magenta (78%)
- Yellow (82%)
- Black (14%)



- Cyan (14%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3028 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 DB3028 by changing the saturation by 10% instead.

 DB3028

 DB3028

FFFFFF

 BB0011

 FF6D57

 9B0000

 FF8A70

 7B0000

 FFA68A

 5C0000

 FFC3A5

 400003

 FFE1C0

 1D0001

 FFFFDC

 000000

 FFFFF9

 DB3028

 DB3028

■ DB1B12

■ DB453E

■ DB0A00

■ DB5A54

■ DB6F6A

■ DB8480

■ DB9995

■ DBAEAB

■ DBC2C1

■ DBD7D7

■ DBECCD

Harmonies

Analogous

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



E50069



DB3028



B75B00

Triad

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



DB3028



008C38



0079FB

Complementary

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



DB3028



28D3DB

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.



0089EF



DB3028



008F80

Square

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



DB3028



358500



008FC1



7F5AE2

Rectangle

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



DB3028



956E00



008FC1



007FFB

Sweetspot

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



DB3028



FFC2BF



DB28D5



805B59



000000



808080

Same Dimension

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



DB3028



FF1005



DB8728



6E6363



AD0800



2E0200

Inverse Universe

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



28D3DB



05F4FF



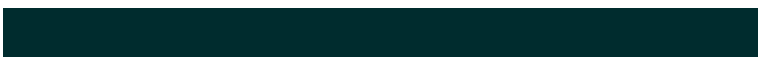
287CDB



636D6E



00A6AD



002C2E

Previews

White Background



This preview shows how the Hex color DB3028 looks on a white background.

Color Contrast Check

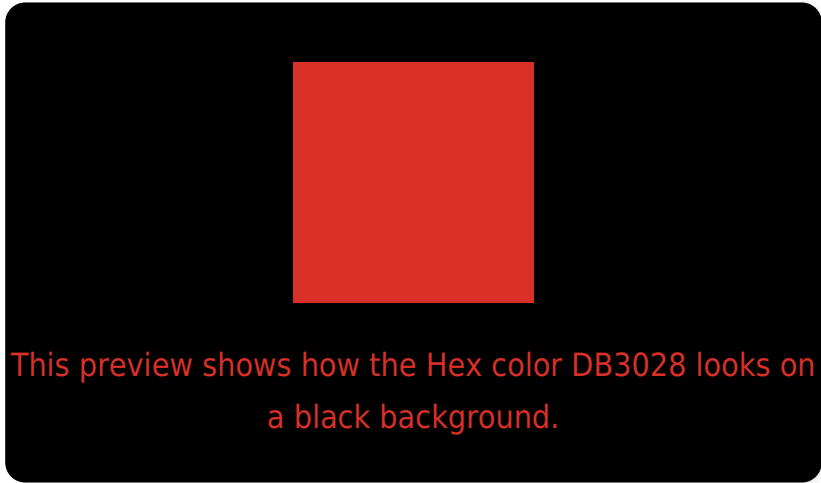
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3028 Background



This preview shows how black text looks on a background with the Hex color DB3028.



This preview shows how white text looks on a background with the Hex color DB3028.

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
DB2F2F

Trichromacy



Original Color
DB3028

Protanomaly
A25B33

Deuteranomaly
AD571D

Tritanomaly
DB2F2C

Monochromacy



Original Color
DB3028

Achromatopsia
626262

Achromatomaly
8E504D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3028 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 #DB3028 looks like.

```
.text, #text, p{  
    color:#DB3028  
}
```

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 #DB3028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3028  
}
```

Border

The CSS property to change the border of an element to Hex DB3028 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".

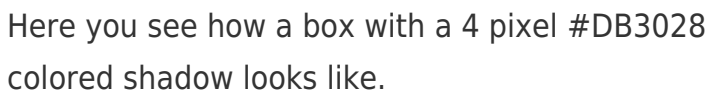
```
.border, #border, table{ border:4px solid  
#DB3028 }
```

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

```
.border{ border-color:#DB3028 }
```

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

Here you see how a box with a 4 pixel #DB3028 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4-pixel offset to the right and bottom of the box. The text inside the box is black and reads "Here you see how a box with a 4 pixel #DB3028 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3028; -webkit-box-shadow:4px 4px  
4px 4px #DB3028; box-shadow:4px 4px 4px  
4px #DB3028 }
```

Background

The CSS property to change the background color of an element to Hex DB3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3028 }
```

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

```
.background{ background-color:#DB3028 }
```

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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