

Converting Colors

Hex(DB2D2E)

Have a look what the booklet for
Hex(DB2D2E) contains.

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Color

Hex(DB2D2E)

Conversions

Conversions Part 1

Format	Color
Hex	DB2D2E
RGB	219, 45, 46
RGB Percent	86%, 18%, 18%
CMY	0.1412, 0.8235, 0.8196
CMYK	0.00, 0.79, 0.79, 0.14
HSL	360°, 71%, 52%
HSV	360°, 79%, 86%
XYZ	30.6449, 17.1341, 4.2768
YIQ	97.1400, 103.3830, 37.1990

Conversions

Conversions Part 2

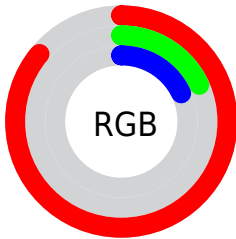
Format	Color
RYB	219, 45, 46
Decimal	14363950
CIELab	48.43, 65.15, 43.10
CIELCh	48, 78.111, 33.487
Yxy	17.1341, 0.5887, 0.3291
Android (android.graphics.Color)	4292554030 (0xFFDB2D2E)
YUV	97.1400, -25.2120, 106.8712
Hunter-Lab	41.3934, 59.7114, 22.8494

Details

The Hex color **DB2D2E** 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 **2DDBDA**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6B5D**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB1718**, and if you desaturate by 10%, it is **DB4344**.

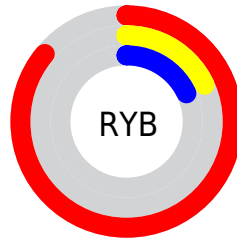
Distribution



Red (86%)

Green (18%)

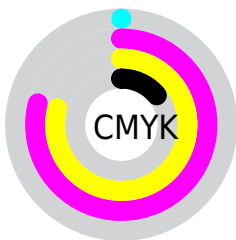
Blue (18%)



Red (86%)

Yellow (18%)

Blue (18%)

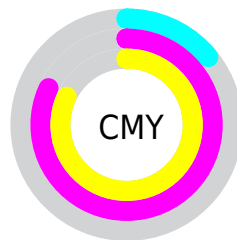


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (14%)



Cyan (14%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB2D2E 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 DB2D2E by changing the saturation by 10% instead.

 DB2D2E

 DB2D2E

FFFFFF

 BB0018

 FF6B5D

 9B0000

 FF8876

 7B0000

 FFA590

 5C0001

 FFC2AB

 400003

 FFDFC6

 1D0001

 FFFDE2

 000000

 DB2D2E

 DB2D2E

 DB1718

 DB4344

 DB0102

 DB595A

 DB0001

 DB6F6F

 DB8585

 DB9B9B

 DBB0B1

 DBC6C6

 DBDCDC

 DBF2F2

Harmonies

Analogous

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



E2006E



DB2D2E



B95800

Triad

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



DB2D2E



008B33



007AF9

Complementary

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



DB2D2E



2DDBDA

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.



0089EA



DB2D2E



008E79

Square

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



DB2D2E



3E8300



008EBB



755DE3

Rectangle

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



DB2D2E



986B00



008EBB



0080F8

Sweetspot

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



DB2D2E



FFC2C2



D82DDB



805B5B



000000



808080

Same Dimension

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



DB2D2E



FF0D0E



DB812D



6E6363



AD0001



2E0000

Inverse Universe

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



DB2D2E



FF0D0E



2D87DB



6E6363



AD0001



2E0000

Previews

White Background



This preview shows how the Hex color DB2D2E looks on a white background.

Color Contrast Check

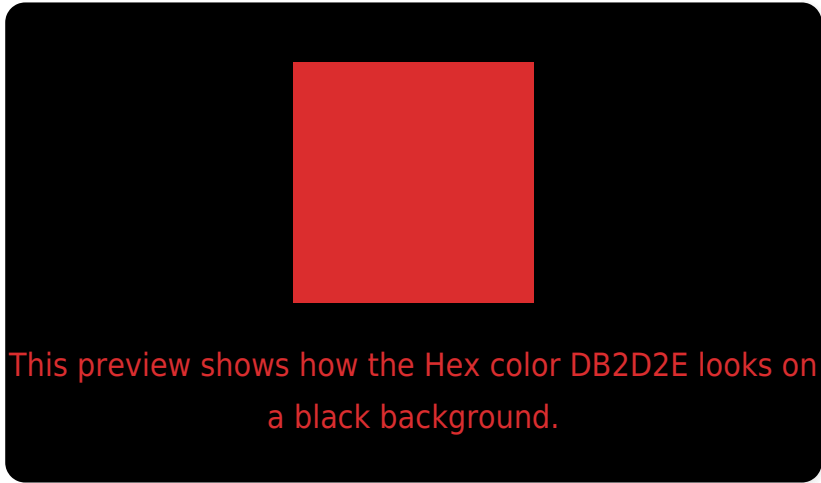
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB2D2E Background



This preview shows how black text looks on a background with the Hex color DB2D2E.



This preview shows how white text looks on a background with the Hex color DB2D2E.

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
DB2D2E

Protanopia
7F7442

Deuteranopia
916E20

Trichromacy



Original Color
DB2D2E

Protanomaly
A05A3B

Deuteranomaly
AC5625

Tritanomaly
DB2D2D

Monochromacy



Original Color
DB2D2E

Achromatopsia
616161

Achromatomaly
8D4E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex DB2D2E 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 #DB2D2E looks like.

```
.text, #text, p{  
    color:#DB2D2E  
}
```

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 #DB2D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2D2E
}
```

Border

The CSS property to change the border of an element to Hex DB2D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

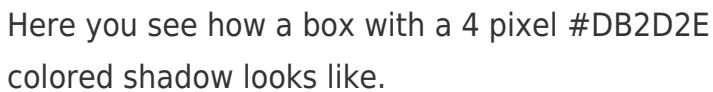
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB2D2E }
```

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

```
.border{ border-color:#DB2D2E }
```

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



Here you see how a box with a 4 pixel #DB2D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2D2E; -webkit-box-shadow:4px 4px  
4px 4px #DB2D2E; box-shadow:4px 4px 4px  
4px #DB2D2E }
```

Background

The CSS property to change the background color of an element to Hex DB2D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2D2E }
```

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

```
.background{ background-color:#DB2D2E }
```

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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