

Converting Colors

Hex(DC2928)

Have a look what the booklet for
Hex(DC2928) contains.

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Color

Hex(DC2928)

Conversions

Conversions Part 1

Format	Color
Hex	DC2928
RGB	220, 41, 40
RGB Percent	86%, 16%, 16%
CMY	0.1373, 0.8392, 0.8431
CMYK	0.00, 0.81, 0.82, 0.14
HSL	0°, 72%, 51%
HSV	0°, 82%, 86%
XYZ	30.6911, 16.9547, 3.6625
YIQ	94.4070, 107.0050, 37.6370

Conversions

Conversions Part 2

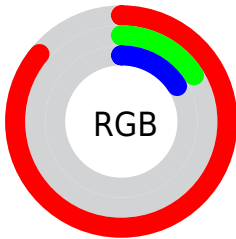
Format	Color
R_{YB}	220, 41, 40
Decimal	14428456
CIE Lab	48.20, 66.29, 46.13
CIE LCh	48, 80.763, 34.836
Yxy	16.9547, 0.5982, 0.3304
Android (android.graphics.Color)	4292618536 (0xFFDC2928)
YUV	94.4070, -26.8227, 110.1451
Hunter-Lab	41.1761, 60.9891, 23.5496

Details

The Hex color **DC2928** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **28DBDC**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6957**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DC1312**, and if you desaturate by 10%, it is **DC3F3E**.

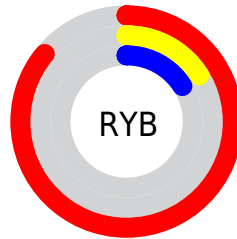
Distribution



Red (86%)

Green (16%)

Blue (16%)



Red (86%)

Yellow (16%)

Blue (16%)

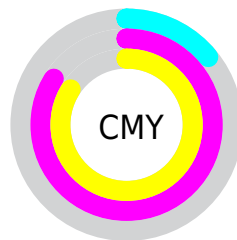


Cyan (0%)

Magenta (81%)

Yellow (82%)

Black (14%)



Cyan (14%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2928 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 DC2928 by changing the saturation by 10% instead.

 DC2928

 DC2928

FFFFFF

 BC0012

 FF6957

 9C0000

 FF8670

 7C0000

 FFA38A

 5D0001

 FFC0A4

 400003

 FFDDC0

 1D0001

 FFFBDC

 000000

 FFFFF8

 DC2928

 DC2928

 DC1312

 DC3F3E

 DC0100

 DC5554

 DC6B6A

 DC8180

 DC9696

 DCACAC

 DCC2C2

 DCD8D8

 DCEEEE

Harmonies

Analogous

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



E5006B



DC2928



B85800

Triad

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



DC2928



008B33



0079FD

Complementary

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



DC2928



28DBDC

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



DC2928



008E7C

Square

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



DC2928



358300



008EC0



795AE4

Rectangle

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



DC2928



966C00



008EC0



007FFD

Sweetspot

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



DC2928



FFC0BF



DC28DC



805959



000000



808080

Same Dimension

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



DC2928



FF0605



DC8228



6E6363



AD0100



2E0000

Inverse Universe

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



28DBDC



05FEFF



2882DC



636E6E



00ACAD



002E2E

Previews

White Background



This preview shows how the Hex color DC2928 looks on a white background.

Color Contrast Check

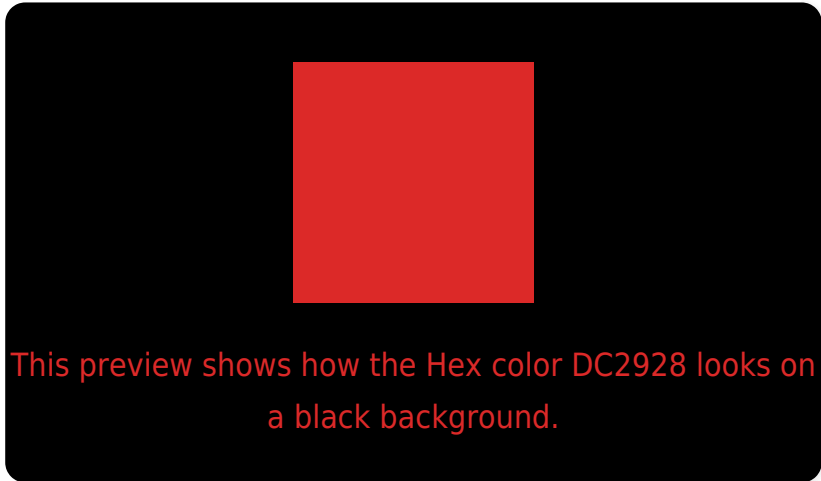
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2928 Background



This preview shows how black text looks on a background with the Hex color DC2928.



This preview shows how white text looks on a background with the Hex color DC2928.

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
DC2928

Protanopia
7F733B

Deuteranopia
916D16

Trichromacy



Original Color
DC2928

Protanomaly
A15834

Deuteranomaly
AC541D

Tritanomaly
DC2928

Monochromacy



Original Color
DC2928

Achromatopsia
5E5E5E

Achromatomaly
8C4B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2928 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 #DC2928 looks like.

```
.text, #text, p{  
    color:#DC2928  
}
```

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 #DC2928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2928
}
```

Border

The CSS property to change the border of an element to Hex DC2928 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".

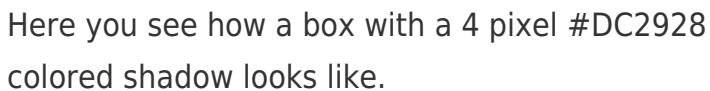
```
.border, #border, table{ border:4px solid
#DC2928 }
```

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

```
.border{ border-color:#DC2928 }
```

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

Here you see how a box with a 4 pixel #DC2928 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2928; -webkit-box-shadow:4px 4px  
4px 4px #DC2928; box-shadow:4px 4px 4px  
4px #DC2928 }
```

Background

The CSS property to change the background color of an element to Hex DC2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2928 }
```

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

```
.background{ background-color:#DC2928 }
```

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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