

# Converting Colors

Hex(DD2803)

Have a look what the booklet for  
Hex(DD2803) contains.

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**Color**

**Hex(DD2803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD2803
RGB	221, 40, 3
RGB Percent	87%, 16%, 1%
CMY	0.1333, 0.8431, 0.9882
CMYK	0.00, 0.82, 0.99, 0.13
HSL	10°, 97%, 44%
HSV	10°, 99%, 87%
XYZ	30.5940, 16.8963, 1.7350
YIQ	89.9010, 119.7530, 26.8650

# Conversions

## Conversions Part 2

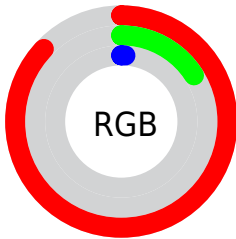
Format	Color
<a href="#">RYB</a>	<a href="#">221, 48, 3</a>
Decimal	<a href="#">14493699</a>
CIELab	<a href="#">48.13, 66.25, 60.24</a>
CIELCh	<a href="#">48, 89.540, 42.281</a>
Yxy	<a href="#">16.8963, 0.6215, 0.3432</a>
Android (android.graphics.Color)	<a href="#">4292683779</a> ( <a href="#">0xFFDD2803</a> )
YUV	<a href="#">89.9010, -42.8422, 114.9738</a>
Hunter-Lab	<a href="#">41.1051, 60.9213, 26.2711</a>

# Details

The Hex color **DD2803** 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 **03B8DD**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF683B**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD2600**, and if you desaturate by 10%, it is **DD3A19**.

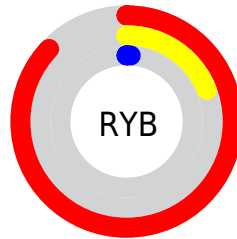
# Distribution



Red (87%)

Green (16%)

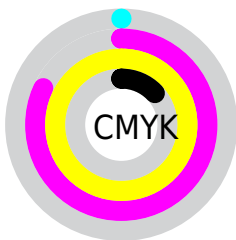
Blue (1%)



Red (87%)

Yellow (19%)

Blue (1%)

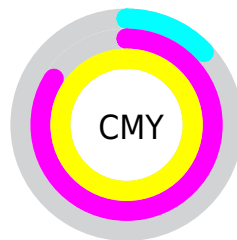


Cyan (0%)

Magenta (82%)

Yellow (99%)

Black (13%)



Cyan (13%)

Magenta (84%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD2803 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 DD2803 by changing the saturation by 10% instead.



 DD2803

 DD2803

 FFFFF8

 BC0000

 FF683B

 9C0000

 FF8554

 7C0000

 FFA26E

 5C0001

 FFBF88

 400003

 FFDCA3

 1C0001

 FFFABE

 000000

 FFFFDB

 DD2803

 DD2803

■ DD2600

■ DD3A19

■ DD4D2F

■ DD5F45

■ DD715B

■ DD8472

■ DD9688

■ DDA89E

■ DDBBB4

■ DDCDCA

# Harmonies

## Analogous

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



F10057



DD2803



AF5D00

# Triad

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



DD2803



008E40



0073FF

# Complementary

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



DD2803



03B8DD

# 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.



0088FF



DD2803



009091

# Square

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



DD2803



008700



008FD8



9649E4

# Rectangle

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



DD2803



877200



008FD8



007CFF



# Sweetspot

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



DD2803



FFBFB3



DD03B9



805952



000000



808080



# Same Dimension

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



DD2803



FF2B00



DD9403



6E6563



AD1D00



2E0800



# Inverse Universe

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



03B8DD



00D4FF



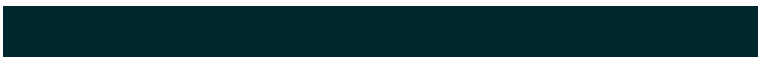
034CDD



636C6E



0090AD



00262E



# Previews

## White Background



This preview shows how the Hex color DD2803 looks on a white background.

## Color Contrast Check

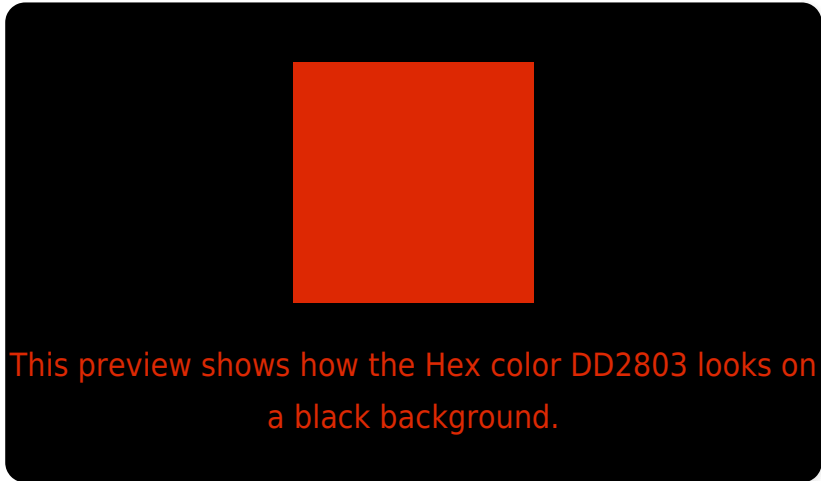
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD2803 Background



This preview shows how black text looks on a background with the Hex color DD2803.



This preview shows how white text looks on a background with the Hex color DD2803.

# 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



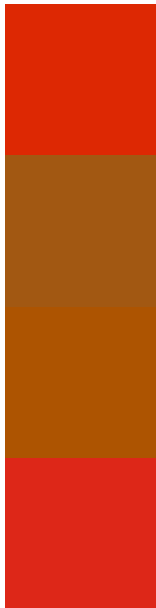
**Original Color**  
DD2803

**Protanopia**  
81731B

**Deuteranopia**  
916D00



# Trichromacy



**Original Color**  
DD2803

**Protanomaly**  
A25812

**Deuteranomaly**  
AD5401

**Tritanomaly**  
DD2718

# Monochromacy



**Original Color**  
DD2803

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
8A483A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD2803 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 #DD2803 looks like.

```
.text, #text, p{  
    color:#DD2803  
}
```

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 #DD2803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2803
}
```

## Border

The CSS property to change the border of an element to Hex DD2803 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
#DD2803 }
```

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

```
.border{ border-color:#DD2803 }
```

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

Here you see how a box with a 4 pixel #DD2803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD2803; -webkit-box-shadow:4px 4px  
4px 4px #DD2803; box-shadow:4px 4px 4px  
4px #DD2803 }
```

# Background

The CSS property to change the background color of an element to Hex DD2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD2803 }
```

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

```
.background{ background-color:#DD2803 }
```

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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