

# Converting Colors

Hex(DA2646)

Have a look what the booklet for  
Hex(DA2646) contains.

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# Color

**Hex(DA2646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA2646
RGB	218, 38, 70
RGB Percent	85%, 15%, 27%
CMY	0.1451, 0.8510, 0.7255
CMYK	0.00, 0.83, 0.68, 0.15
HSL	349°, 71%, 50%
HSV	349°, 83%, 85%
XYZ	30.7120, 16.7338, 7.4056
YIQ	95.4680, 97.0080, 48.1120

# Conversions

## Conversions Part 2

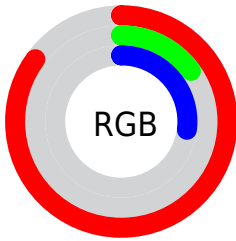
Format	Color
<a href="#">RYB</a>	<a href="#">218, 38, 70</a>
Decimal	<a href="#">14296646</a>
CIELab	<a href="#">47.92, 67.57, 28.57</a>
CIElCh	<a href="#">48, 73.368, 22.920</a>
Yxy	<a href="#">16.7338, 0.5599, 0.3051</a>
Android (android.graphics.Color)	<a href="#">4292486726 (0xFFDA2646)</a>
YUV	<a href="#">95.4680, -12.5557, 107.4606</a>
Hunter-Lab	<a href="#">40.9070, 62.4264, 17.9014</a>

# Details

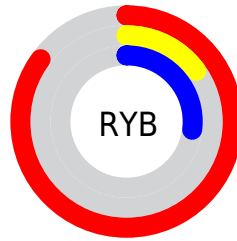
The Hex color **DA2646** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26DABA**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6776**, and **9B001B** is the 20% darker color. If you saturate the color by 10%, you get **DA1034**, and if you desaturate by 10%, it is **DA3C58**.

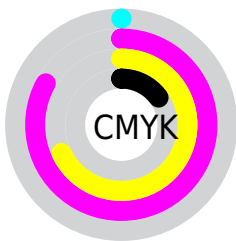
# Distribution



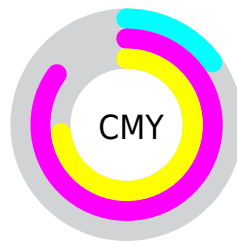
- Red (85%)
- Green (15%)
- Blue (27%)



- Red (85%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA2646 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 DA2646 by changing the saturation by 10% instead.



 DA2646

 DA2646

FFFFFF

 BA0030

 FF6776

 9B001B

 FF8490

 7C0002

 FFA1AA

 5D0001

 FFBFC5

 400003

 FFDCE1

 1D0001

 FFFAFE

 000000

 DA2646

 DA2646

 DA1034

 DA3C58

■ DA0027

■ DA526A

■ DA677C

■ DA7D8E

■ DA93A0

■ DAA9B2

■ DABFC3

■ DAD4D5

■ DAEAE7

# Harmonies

## Analogous

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



D61D83



DA2646



C24D00

# Triad

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



DA2646



00861C



007EEE

# Complementary

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



DA2646



26DABA

# 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.



0089D5



DA2646



008B61

# Square

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



DA2646



5D7D00



008CA1



4268E5

# Rectangle

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



DA2646



A76200



008CA1



0083E9



# Sweetspot

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



DA2646



FFBFCB



B926DA



805960



000000



808080



# Same Dimension

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



DA2646



FF032F



DA5F26



6E6365



AD001F



2E0008



# Inverse Universe

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



DA2646



FF032F



26A1DA



6E6365



AD001F



2E0008



# Previews

## White Background



This preview shows how the Hex color DA2646 looks on a white background.

## Color Contrast Check

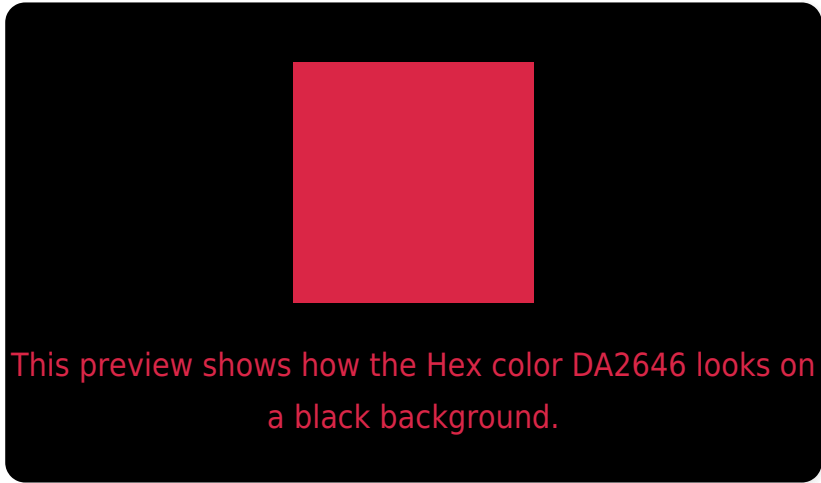
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA2646 Background



This preview shows how black text looks on a background with the Hex color DA2646.

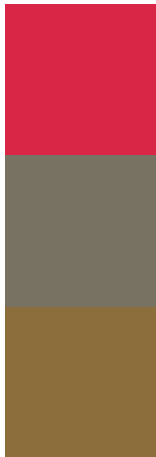


This preview shows how white text looks on a background with the Hex color DA2646.

# 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



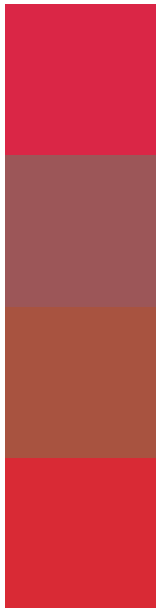
**Original Color**  
DA2646

**Protanopia**  
787263

**Deuteranopia**  
8C6D3C



# Trichromacy



**Original Color**  
DA2646

**Protanomaly**  
9C5658

**Deuteranomaly**  
A85340

**Tritanomaly**  
D92A35

# Monochromacy



**Original Color**  
DA2646

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8C4A56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA2646 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 #DA2646 looks like.

```
.text, #text, p{  
    color:#DA2646  
}
```

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 #DA2646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA2646
}
```

## Border

The CSS property to change the border of an element to Hex DA2646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

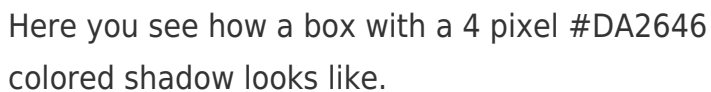
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA2646 }
```

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

```
.border{ border-color:#DA2646 }
```

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



Here you see how a box with a 4 pixel `#DA2646` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA2646; -webkit-box-shadow:4px 4px  
4px 4px #DA2646; box-shadow:4px 4px 4px  
4px #DA2646 }
```

# Background

The CSS property to change the background color of an element to Hex DA2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA2646 }
```

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

```
.background{ background-color:#DA2646 }
```

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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