

# Converting Colors

Hex(DA4646)

Have a look what the booklet for  
Hex(DA4646) contains.

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**Color**

**Hex(DA4646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA4646
RGB	218, 70, 70
RGB Percent	85%, 27%, 27%
CMY	0.1451, 0.7255, 0.7255
CMYK	0.00, 0.68, 0.68, 0.15
HSL	0°, 67%, 56%
HSV	0°, 68%, 85%
XYZ	32.2091, 19.7279, 7.9046
YIQ	114.2520, 88.2080, 31.3760

# Conversions

## Conversions Part 2

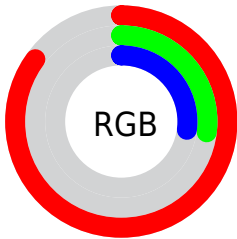
Format	Color
<a href="#">RYB</a>	<a href="#">218, 70, 70</a>
Decimal	<a href="#">14304838</a>
CIELab	<a href="#">51.53, 57.52, 33.00</a>
CIElCh	<a href="#">52, 66.313, 29.839</a>
Yxy	<a href="#">19.7279, 0.5382, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4292494918</a> ( <a href="#">0xFFDA4646</a> )
YUV	<a href="#">114.2520, -21.8162, 90.9870</a>
Hunter-Lab	<a href="#">44.4161, 51.7139, 20.5396</a>

# Details

The Hex color **DA4646** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46DADA**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7E77**, and **9C001A** is the 20% darker color. If you saturate the color by 10%, you get **DA3030**, and if you desaturate by 10%, it is **DA5C5C**.

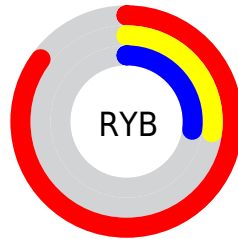
# Distribution



Red (85%)

Green (27%)

Blue (27%)



Red (85%)

Yellow (27%)

Blue (27%)

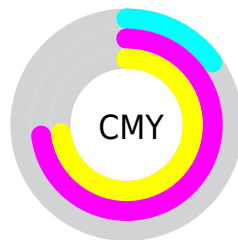


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA4646 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 DA4646 by changing the saturation by 10% instead.



 DA4646

 DA4646

FFFFFF

 BB272F

 FF7E77

 9C001A

 FF9A90

 7D0002

 FFB7AB

 5F0000

 FFD4C6

 430002

 FFF1E2

 230001

 000000

 DA4646

 DA4646

 DA3030

 DA5C5C

 DA1A1A

 DA7272

 DA0505

 DA8787

 DA0000

 DA9D9D

 DAB3B3

 DAC9C9

 DADDFD

 DAF4F4

 DAFFFF

# Harmonies

## Analogous

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



DC3A7E



DA4646



BF610D

# Triad

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



DA4646



00903E



0082ED

# Complementary

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



DA4646



46DADA

# 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.



008FDD



DA4646



009479

# Square

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



DA4646



5C8800



0094B2



756CDE

# Rectangle

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



DA4646



A47100



0094B2



0087EB



# Sweetspot

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



DA4646



FFCCCC



DA46DA



806161



000000



808080



# Same Dimension

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



DA4646



FF3030



DA9046



6E6363



AD0000



2E0000



# Inverse Universe

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



46DADA



30FFFF



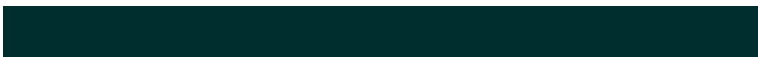
4690DA



636E6E



00ADAD



002E2E



# Previews

## White Background



This preview shows how the Hex color DA4646 looks on a white background.

## Color Contrast Check

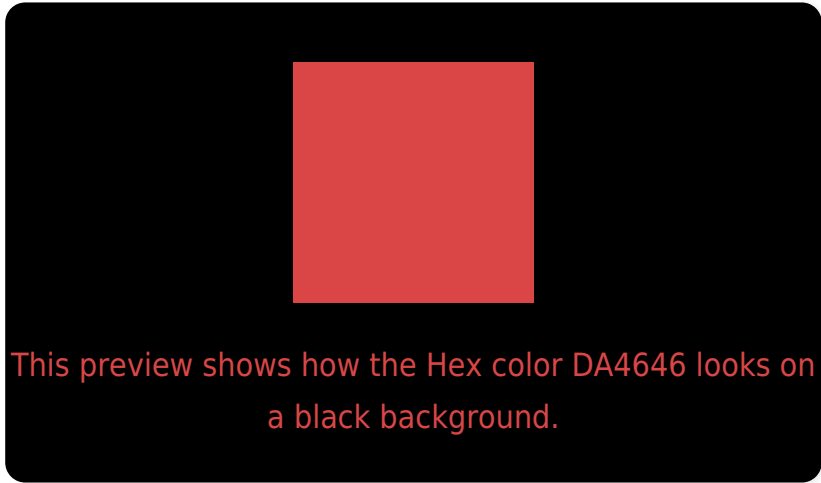
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DA4646 Background



This preview shows how black text looks on a background with the Hex color DA4646.



This preview shows how white text looks on a background with the Hex color DA4646.

# 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**  
DA4646

**Protanopia**  
857B5A

**Deuteranopia**  
98753E



# Trichromacy



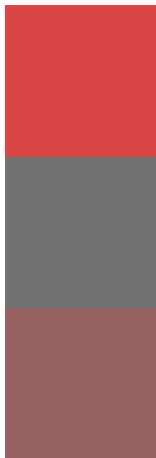
**Original Color**  
DA4646

**Protanomaly**  
A46853

**Deuteranomaly**  
B06441

**Tritanomaly**  
DA4648

# Monochromacy



**Original Color**  
DA4646

**Achromatopsia**  
727272

**Achromatomaly**  
986262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA4646 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 #DA4646 looks like.

```
.text, #text, p{  
    color:#DA4646  
}
```

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 #DA4646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4646
}
```

## Border

The CSS property to change the border of an element to Hex DA4646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

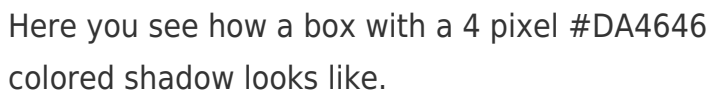
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA4646 }
```

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

```
.border{ border-color:#DA4646 }
```

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



Here you see how a box with a 4 pixel #DA4646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4646; -webkit-box-shadow:4px 4px  
4px 4px #DA4646; box-shadow:4px 4px 4px  
4px #DA4646 }
```

# Background

The CSS property to change the background color of an element to Hex DA4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4646 }
```

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

```
.background{ background-color:#DA4646 }
```

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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