

# Converting Colors

Hex(DA1032)

Have a look what the booklet for  
Hex(DA1032) contains.

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# Color

**Hex(DA1032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA1032
RGB	218, 16, 50
RGB Percent	85%, 6%, 20%
CMY	0.1451, 0.9373, 0.8039
CMYK	0.00, 0.93, 0.77, 0.15
HSL	350°, 86%, 46%
HSV	350°, 93%, 85%
XYZ	29.6745, 15.5063, 4.4466
YIQ	80.2740, 109.4780, 53.3980

# Conversions

## Conversions Part 2

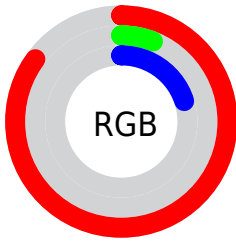
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	218, 16, 50
Decimal	14290994
CIELab	46.32, 70.58, 38.57
CIElCh	46, 80.430, 28.660
Yxy	15.5063, 0.5979, 0.3125
Android (android.graphics.Color)	4292481074 (0xFFDA1032)
YUV	80.2740, -14.9251, 120.7857
Hunter-Lab	39.3780, 65.6023, 20.8695

# Details

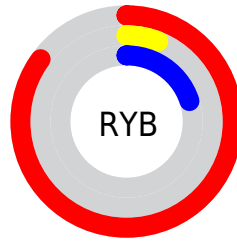
The Hex color **DA1032** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **10DAB8**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5D61**, and **9A0007** is the 20% darker color. If you saturate the color by 10%, you get **DA0025**, and if you desaturate by 10%, it is **DA2644**.

# Distribution



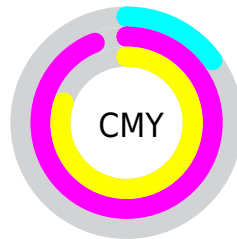
- Red (85%)
- Green (6%)
- Blue (20%)



- Red (85%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (93%)
- Yellow (77%)
- Black (15%)



- Cyan (15%)
- Magenta (94%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA1032 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 DA1032 by changing the saturation by 10% instead.



 DA1032

 DA1032

FFFFFF

 BA001D

 FF5D61

 9A0007

 FF7B7A

 7A0000

 FF9893

 5B0002

 FFB6AE

 3D0003

 FFD3CA

 180001

 FFF1E6

 000000

 DA1032

 DA1032

 DA0025

 DA2644

 DA3C56

 DA5168

 DA677B

 DA7D8D

 DA939F

 DAA9B1

 DABEC3

 DAD4D5

# Harmonies

## Analogous

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



DD0074



DA1032



BB4B00

# Triad

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



DA1032



00851D



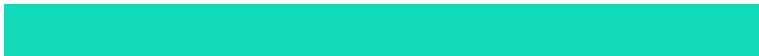
0078F7

# Complementary

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



DA1032



10DAB8

# 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.



0085E2



DA1032



008969

# Square

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



DA1032



447C00



0089AD



565DE6

# Rectangle

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



DA1032



9B6200



0089AD



007EF4



# Sweetspot

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



DA1032



FFB8C4



B510DA



80545B



000000



808080



# Same Dimension

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



DA1032



FF002B



DA5010



6E6365



AD001D



2E0008



# Inverse Universe

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



DA1032



FF002B



109ADA



6E6365



AD001D



2E0008



# Previews

## White Background



This preview shows how the Hex color DA1032 looks on a white background.

## Color Contrast Check

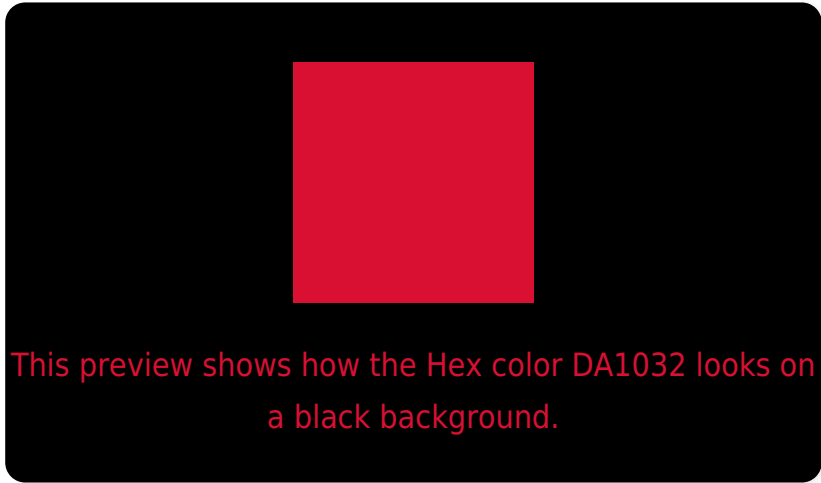
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA1032 Background



This preview shows how black text looks on a background with the Hex color DA1032.



This preview shows how white text looks on a background with the Hex color DA1032.

# 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**  
DA1032

**Protanopia**  
786F4B

**Deuteranopia**  
8B6A25



**Tritanopia**  
D91913

# Trichromacy



**Original Color**  
DA1032



**Protanomaly**  
9C4C42



**Deuteranomaly**  
A8492A



**Tritanomaly**  
D9161E

# Monochromacy



**Original Color**  
DA1032



**Achromatopsia**  
505050



**Achromatomaly**  
823945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA1032 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 #DA1032 looks like.

```
.text, #text, p{  
    color:#DA1032  
}
```

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 #DA1032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA1032
}
```

## Border

The CSS property to change the border of an element to Hex DA1032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

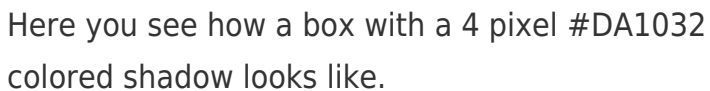
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA1032 }
```

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

```
.border{ border-color:#DA1032 }
```

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



Here you see how a box with a 4 pixel #DA1032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA1032; -webkit-box-shadow:4px 4px  
4px 4px #DA1032; box-shadow:4px 4px 4px  
4px #DA1032 }
```

# Background

The CSS property to change the background color of an element to Hex DA1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA1032 }
```

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

```
.background{ background-color:#DA1032 }
```

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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