

# Converting Colors

Hex(D90529)

Have a look what the booklet for  
Hex(D90529) contains.

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# Color

**Hex(D90529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D90529
RGB	217, 5, 41
RGB Percent	85%, 2%, 16%
CMY	0.1490, 0.9804, 0.8392
CMYK	0.00, 0.98, 0.81, 0.15
HSL	350°, 95%, 44%
HSV	350°, 98%, 85%
XYZ	29.0698, 15.0204, 3.4649
YIQ	72.4920, 114.7960, 56.1400

# Conversions

## Conversions Part 2

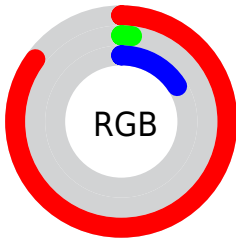
Format	Color
<a href="#">RYB</a>	<a href="#">217, 5, 41</a>
Decimal	<a href="#">14222633</a>
CIELab	<a href="#">45.66, 71.09, 42.94</a>
CIElCh	<a href="#">46, 83.052, 31.130</a>
Yxy	<a href="#">15.0204, 0.6113, 0.3159</a>
Android (android.graphics.Color)	<a href="#">4292412713</a> (0xFFD90529)
YUV	<a href="#">72.4920, -15.5256, 126.7335</a>
Hunter-Lab	<a href="#">38.7561, 66.0643, 21.8286</a>

# Details

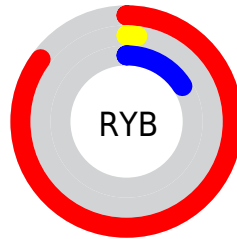
The Hex color **D90529** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05D9B5**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5A57**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D90025**, and if you desaturate by 10%, it is **D91B3B**.

# Distribution



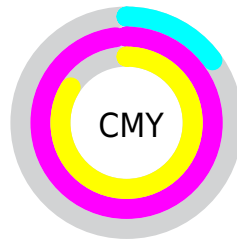
- Red (85%)
- Green (2%)
- Blue (16%)



- Red (85%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (98%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D90529 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 D90529 by changing the saturation by 10% instead.



 D90529

 D90529

FFFFFFF

 B90014

 FF5A57

 990000

 FF7870

 780000

 FF9589

 590002

 FFB3A4

 3B0002

 FFD1BF

 150000

 FFEFDB

 000000

 FFFFF8

 D90529

 D90529

 D90025

 D91B3B

 D9304D

 D9465F

 D95C71

 D97283

 D98795

 D99DA7

 D9B3B9

 D9C8CB

# Harmonies

## Analogous

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



DF006D



D90529



B74B00

# Triad

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



D90529



008420



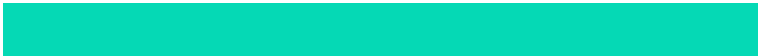
0075FA

# Complementary

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



D90529



05D9B5

# 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.



0084E7



D90529



00876D

# Square

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



D90529



387C00



0088B3



5F58E5

# Rectangle

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



D90529



956200



0088B3



007CF8



# Sweetspot

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



D90529



FFB5C2



B205D9



80535A



000000



808080



# Same Dimension

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



D90529



FF002B



D94805



6E6365



AD001D



2E0008



# Inverse Universe

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



D90529



FF002B



0596D9



6E6365



AD001D



2E0008



# Previews

## White Background



This preview shows how the Hex color D90529 looks on a white background.

## Color Contrast Check

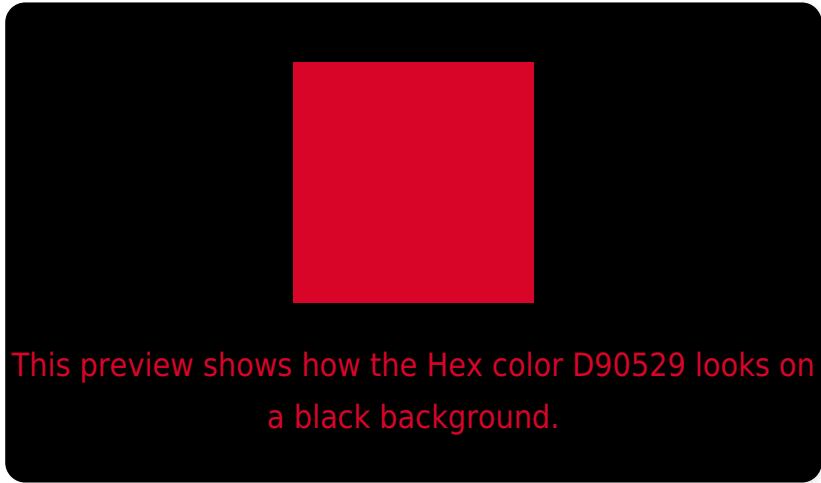
Large Text (above 18pt) WCAG AA ✓ Pass

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 D90529 Background



This preview shows how black text looks on a background with the Hex color D90529.



This preview shows how white text looks on a background with the Hex color D90529.

# 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**  
D90529

**Protanopia**  
786E40

**Deuteranopia**  
8A6817



**Tritanopia**  
D81300

# Trichromacy



**Original Color**  
D90529



**Protanomaly**  
9B4838



**Deuteranomaly**  
A7441E



**Tritanomaly**  
D80E0F

# Monochromacy



**Original Color**  
D90529



**Achromatopsia**  
484848



**Achromatomaly**  
7D303D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D90529 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 #D90529 looks like.

```
.text, #text, p{  
    color:#D90529  
}
```

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 #D90529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90529
}
```

## Border

The CSS property to change the border of an element to Hex D90529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

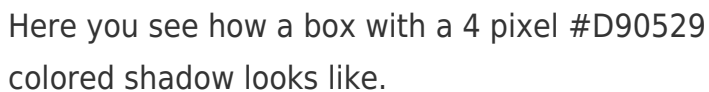
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D90529 }
```

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

```
.border{ border-color:#D90529 }
```

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



Here you see how a box with a 4 pixel #D90529 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90529; -webkit-box-shadow:4px 4px  
4px 4px #D90529; box-shadow:4px 4px 4px  
4px #D90529 }
```

# Background

The CSS property to change the background color of an element to Hex D90529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90529 }
```

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

```
.background{ background-color:#D90529 }
```

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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