

Converting Colors

Hex(D90040)

Have a look what the booklet for
Hex(D90040) contains.

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Color

Hex(D90040)

Conversions

Conversions Part 1

Format	Color
Hex	D90040
RGB	217, 0, 64
RGB Percent	85%, 0%, 25%
CMY	0.1490, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.71, 0.15
HSL	342°, 100%, 43%
HSV	342°, 100%, 85%
XYZ	29.5407, 15.1219, 6.2123
YIQ	72.1790, 108.7880, 65.9080

Conversions

Conversions Part 2

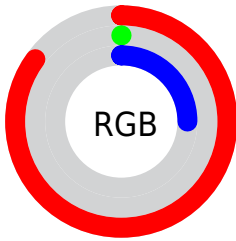
Format	Color
R_{YB}	217, 0, 64
Decimal	14221376
CIE Lab	45.80, 72.30, 29.56
CIE LCh	46, 78.112, 22.235
Yxy	15.1219, 0.5807, 0.2972
Android (android.graphics.Color)	4292411456 (0xFFD90040)
YUV	72.1790, -4.0322, 127.0080
Hunter-Lab	38.8869, 67.5468, 17.7490

Details

The Hex color **D90040** 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 **00D999**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF596F**, and **990017** is the 20% darker color. If you saturate the color by 10%, you get **D90040**, and if you desaturate by 10%, it is **D9164F**.

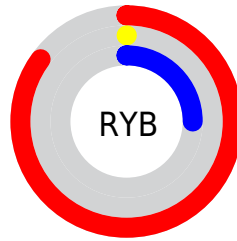
Distribution



Red (85%)

Green (0%)

Blue (25%)



Red (85%)

Yellow (0%)

Blue (25%)

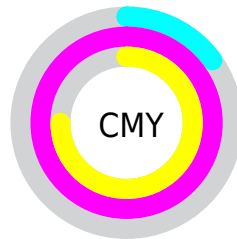


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D90040 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 D90040 by changing the saturation by 10% instead.

 D90040

 D90040

FFFFFF

 B9002A

 FF596F

 990017

 FF7889

 7A0000

 FF95A3

 5A0002

 FFB3BE

 3D0003

 FFD1DA

 170000

 FFEFF6

 000000

 D90040

 D9164F

 D92B5F

 D9416E

 D9577D

 D96D8C

 D9829C

 D998AB

 D9AEBA

 D9C3CA

Harmonies

Analogous

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



D40080



D90040



C04300

Triad

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



D90040



008206



007AF0

Complementary

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



D90040



00D999

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.



0085D4



D90040



008659

Square

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



D90040



567700



00879D



2463E8

Rectangle

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



D90040



A35B00



00879D



007FEB

Sweetspot

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



D90040



FFB3C9



9800D9



80525F



000000



808080

Same Dimension

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



D90040



FF004B



D92B00



6E6366



AD0033



2E000E

Inverse Universe

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



D90040



FF004B



00AED9



6E6366



AD0033



2E000E

Previews

White Background



This preview shows how the Hex color D90040 looks on a white background.

Color Contrast Check

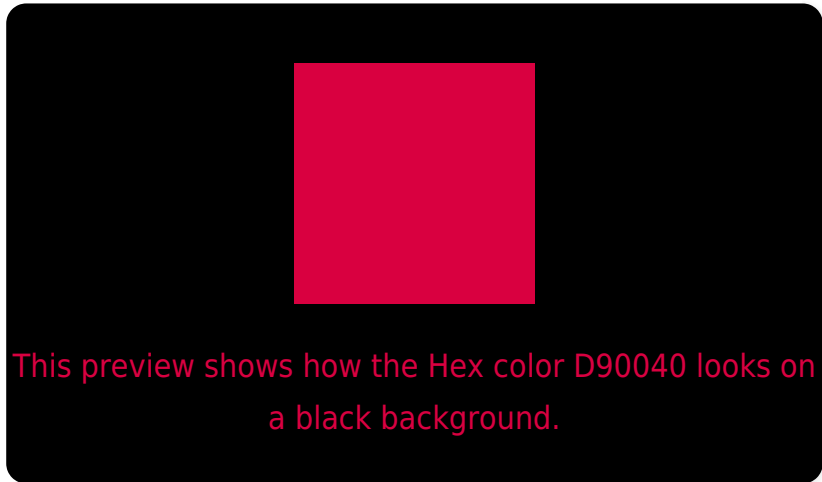
Large Text (above 18pt) WCAG AA ✓ Pass

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 D90040 Background



This preview shows how black text looks on a background with the Hex color D90040.



This preview shows how white text looks on a background with the Hex color D90040.

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
D90040

Protanopia
746E5F

Deuteranopia
886935



Tritanopia
D81A15

Trichromacy



Original Color
D90040



Protanomaly
994654



Deuteranomaly
A54339



Tritanomaly
D81125

Monochromacy



Original Color
D90040



Achromatopsia
484848



Achromatomaly
7D2E45

CSS Examples

Text

The CSS property to change the color of the text to Hex D90040 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 #D90040 looks like.

```
.text, #text, p{  
    color:#D90040  
}
```

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 #D90040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90040
}
```

Border

The CSS property to change the border of an element to Hex D90040 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".

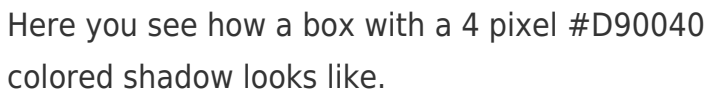
```
.border, #border, table{ border:4px solid
#D90040 }
```

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

```
.border{ border-color:#D90040 }
```

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

Here you see how a box with a 4 pixel #D90040 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90040; -webkit-box-shadow:4px 4px  
4px 4px #D90040; box-shadow:4px 4px 4px  
4px #D90040 }
```

Background

The CSS property to change the background color of an element to Hex D90040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90040 }
```

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

```
.background{ background-color:#D90040 }
```

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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