

# Converting Colors

Hex(DB0115)

Have a look what the booklet for  
Hex(DB0115) contains.

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# Color

**Hex(DB0115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB0115
RGB	219, 1, 21
RGB Percent	86%, 0%, 8%
CMY	0.1412, 0.9961, 0.9176
CMYK	0.00, 1.00, 0.90, 0.14
HSL	354°, 99%, 43%
HSV	354°, 100%, 86%
XYZ	29.3596, 15.1359, 2.0836
YIQ	68.4620, 123.5080, 52.4360

# Conversions

## Conversions Part 2

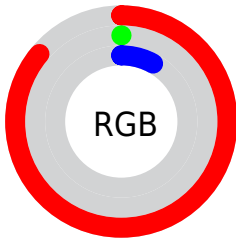
<b>Format</b>	<b>Color</b>
<b>RYB</b>	219, 1, 21
Decimal	14352661
CIELab	45.82, 71.53, 53.09
CIElCh	46, 89.078, 36.584
Yxy	15.1359, 0.6303, 0.3250
Android (android.graphics.Color)	4292542741 (0xFFDB0115)
YUV	68.4620, -23.3988, 132.0218
Hunter-Lab	38.9049, 66.6216, 24.0581

# Details

The Hex color **DB0115** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **01DBC7**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5945**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB0014**, and if you desaturate by 10%, it is **DB1729**.

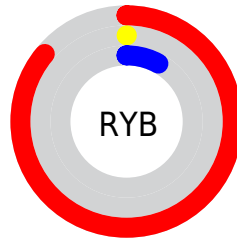
# Distribution



Red (86%)

Green (0%)

Blue (8%)



Red (86%)

Yellow (0%)

Blue (8%)

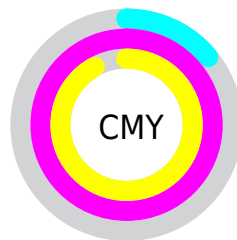


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB0115 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 DB0115 by changing the saturation by 10% instead.



 DB0115

 DB0115

FFFFFF

 BA0000

 FF5945

 9A0000

 FF775D

 790000

 FF9576

 5A0002

 FFB291

 3C0003

 FFD0AB

 160000

 FFEEC7

 000000

 FFFF E3

 DB0115

 DB0115

 DB0014

 DB1729

 DB2D3D

 DB4351

 DB5965

 DB6E78

 DB848C

 DB9AA0

 DBB0B4

 DBC6C8

# Harmonies

## Analogous

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



E80060



DB0115



B25100

# Triad

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



DB0115



00862B



0072FF

# Complementary

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



DB0115



01DBC7

# 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.



0084F8



DB0115



00897C

# Square

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



DB0115



0D7F00



008AC5



784EE7

# Rectangle

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



DB0115



8C6700



008AC5



007AFF



# Sweetspot

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



DB0115



FFB3BA



C501DB



805256



000000



808080



# Same Dimension

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



DB0115



FF0017



DB5801



6E6364



AD0010



2E0004



# Inverse Universe

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



DB0115



FF0017



0184DB



6E6364



AD0010



2E0004



# Previews

## White Background



This preview shows how the Hex color DB0115 looks on a white background.

## Color Contrast Check

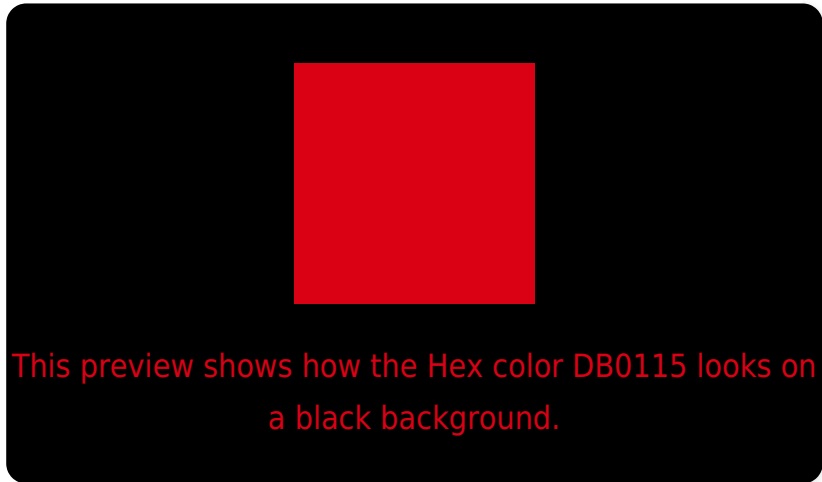
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB0115 Background



This preview shows how black text looks on a background with the Hex color DB0115.



This preview shows how white text looks on a background with the Hex color DB0115.

# 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**  
DB0115

**Protanopia**  
7C6F28

**Deuteranopia**  
8B6900



**Tritanopia**  
DA1400

# Trichromacy



**Original Color**  
DB0115



**Protanomaly**  
9F4721



**Deuteranomaly**  
A84308



**Tritanomaly**  
DA0D08

# Monochromacy



**Original Color**  
DB0115



**Achromatopsia**  
444444



**Achromatomaly**  
7B2C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB0115 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 #DB0115 looks like.

```
.text, #text, p{  
    color:#DB0115  
}
```

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 #DB0115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0115
}
```

## Border

The CSS property to change the border of an element to Hex DB0115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

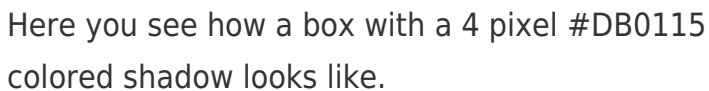
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB0115 }
```

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

```
.border{ border-color:#DB0115 }
```

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



Here you see how a box with a 4 pixel #DB0115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0115; -webkit-box-shadow:4px 4px  
4px 4px #DB0115; box-shadow:4px 4px 4px  
4px #DB0115 }
```

# Background

The CSS property to change the background color of an element to Hex DB0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0115 }
```

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

```
.background{ background-color:#DB0115 }
```

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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