

Converting Colors

Hex(DB0218)

Have a look what the booklet for
Hex(DB0218) contains.

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Color

Hex(DB0218)

Conversions

Conversions Part 1

Format	Color
Hex	DB0218
RGB	219, 2, 24
RGB Percent	86%, 1%, 9%
CMY	0.1412, 0.9922, 0.9059
CMYK	0.00, 0.99, 0.89, 0.14
HSL	354°, 98%, 43%
HSV	354°, 99%, 86%
XYZ	29.4000, 15.1694, 2.2426
YIQ	69.3910, 122.2700, 52.8460

Conversions

Conversions Part 2

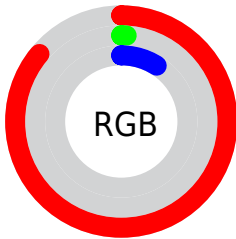
Format	Color
RYB	219, 2, 24
Decimal	14352920
CIELab	45.87, 71.49, 51.84
CIElCh	46, 88.306, 35.950
Yxy	15.1694, 0.6280, 0.3240
Android (android.graphics.Color)	4292543000 (0xFFDB0218)
YUV	69.3910, -22.3778, 131.2071
Hunter-Lab	38.9480, 66.5824, 23.8497

Details

The Hex color **DB0218** 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 **02DBC5**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5947**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB0016**, and if you desaturate by 10%, it is **DB182C**.

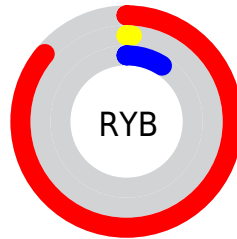
Distribution



Red (86%)

Green (1%)

Blue (9%)



Red (86%)

Yellow (1%)

Blue (9%)

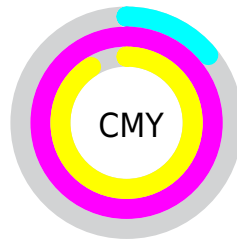


Cyan (0%)

Magenta (99%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0218 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 DB0218 by changing the saturation by 10% instead.

 DB0218

 DB0218

FFFFFF

 BA0000

 FF5947

 9A0000

 FF7760

 790000

 FF9579

 5A0002

 FFB293

 3C0003

 FFD0AE

 170000

 FFEECA

 000000

 FFFF66

 DB0218

 DB0218

 DB0016

 DB182C

 DB2E3F

 DB4453

 DB5A67

 DB6F7A

 DB858E

 DB9BA2

 DBB1B5

 DBC7C9

Harmonies

Analogous

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



E70062



DB0218



B35000

Triad

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



DB0218



008629



0073FF

Complementary

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



DB0218



02DBC5

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.



0084F6



DB0218



00897A

Square

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



DB0218



177F00



008AC3



754FE7

Rectangle

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



DB0218



8D6700



008AC3



007AFF

Sweetspot

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



DB0218



FFB3BA



C202DB



805256



000000



808080

Same Dimension

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



DB0218



FF001A



DB5502



6E6364



AD0012



2E0005

Inverse Universe

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



DB0218



FF001A



0288DB



6E6364



AD0012



2E0005

Previews

White Background



This preview shows how the Hex color DB0218 looks on a white background.

Color Contrast Check

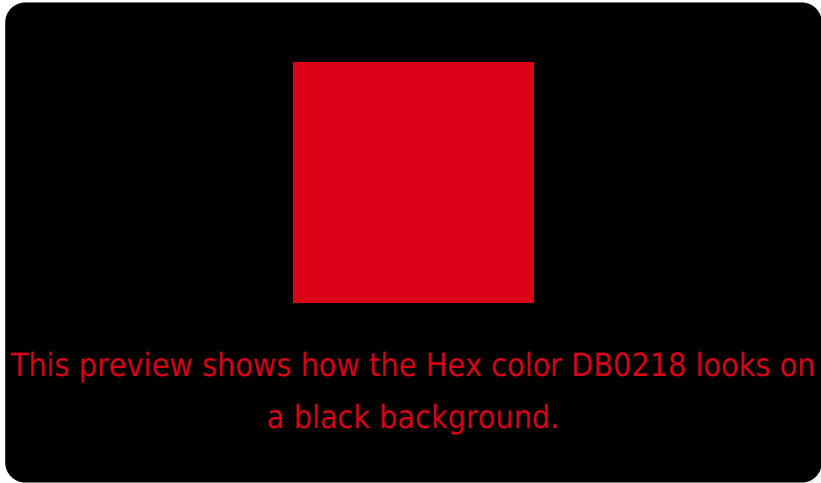
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB0218 Background



This preview shows how black text looks on a background with the Hex color DB0218.



This preview shows how white text looks on a background with the Hex color DB0218.

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





Tritanopia
DA1400

Trichromacy



Original Color
DB0218



Protanomaly
9E4724



Deuteranomaly
A94409



Tritanomaly
DA0D09

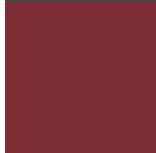
Monochromacy



Original Color
DB0218



Achromatopsia
454545



Achromatomaly
7C2D35

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0218 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 #DB0218 looks like.

```
.text, #text, p{  
    color:#DB0218  
}
```

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 #DB0218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0218 }  
}
```

Border

The CSS property to change the border of an element to Hex DB0218 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".

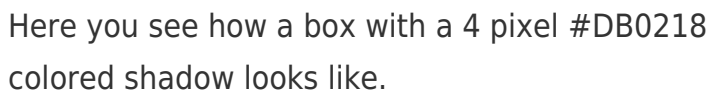
```
.border, #border, table{ border:4px solid #DB0218 }  
}
```

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

```
.border{ border-color:#DB0218 }
```

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

Here you see how a box with a 4 pixel #DB0218 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0218; -webkit-box-shadow:4px 4px  
4px 4px #DB0218; box-shadow:4px 4px 4px  
4px #DB0218 }
```

Background

The CSS property to change the background color of an element to Hex DB0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0218 }
```

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

```
.background{ background-color:#DB0218 }
```

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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