

# Converting Colors

Hex(BE0018)

Have a look what the booklet for  
Hex(BE0018) contains.

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**Color**

**Hex(BE0018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE0018
RGB	190, 0, 24
RGB Percent	75%, 0%, 9%
CMY	0.2549, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.87, 0.25
HSL	352°, 100%, 37%
HSV	352°, 100%, 75%
XYZ	21.4001, 11.0131, 1.8620
YIQ	59.5460, 105.5360, 47.7440

# Conversions

## Conversions Part 2

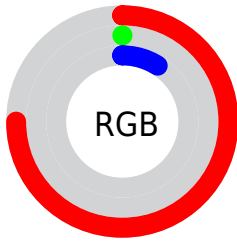
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 0, 24
Decimal	12451864
CIE <sub>Lab</sub>	39.60, 64.51, 44.34
CIE <sub>LCh</sub>	40, 78.281, 34.501
Yxy	11.0131, 0.6244, 0.3213
Android (android.graphics.Color)	4290641944 (0xFFBE0018)
YUV	59.5460, -17.5242, 114.4082
Hunter-Lab	33.1860, 57.0307, 19.9036

# Details

The Hex color **BE0018** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00BEA6**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **FF5245**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BE0018**, and if you desaturate by 10%, it is **BE1329**.

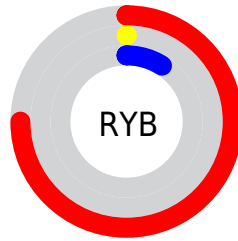
# Distribution



Red (75%)

Green (0%)

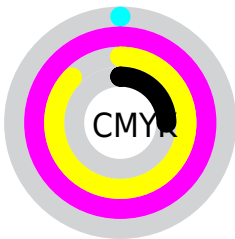
Blue (9%)



Red (75%)

Yellow (0%)

Blue (9%)

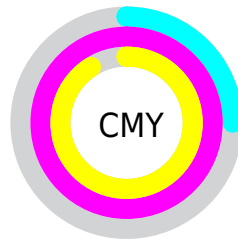


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE0018 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 BE0018 by changing the saturation by 10% instead.



 BE0018

 BE0018

FFFFFF

 9E0000

 FF5245

 7F0000

 FF6F5E

 5F0000

 FF8C77

 430003

 FFA991

 210001

 FFC6AB

 000000

 FFE3C7

 FFFF E3

 BE0018

 BE1329

 BE2639

 BE394A

 BE4C5A

 BE5F6B

 BE727C

 BE858C

 BE989D

 BEABAD

# Harmonies

## Analogous

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



C70057



BE0018



9C4300

# Triad

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



BE0018



007320



0064DF

# Complementary

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



BE0018



00BEA6

# 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.



0072D2



BE0018



007666

# Square

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



BE0018



1E6D00



0076A5



5F46C8

# Rectangle

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



BE0018



7C5700



0076A5



006ADF



# Sweetspot

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



BE0018



F7ADB7



A500BE



7D5056



FCFCFC



7D7D7D



# Same Dimension

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



BE0018



F7001F



BE4600



5E5556



9E0014



1F0004



# Inverse Universe

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



BE0018



F7001F



0078BE



5E5556



9E0014



1F0004



# Previews

## White Background



This preview shows how the Hex color BE0018 looks on a white background.

## Color Contrast Check

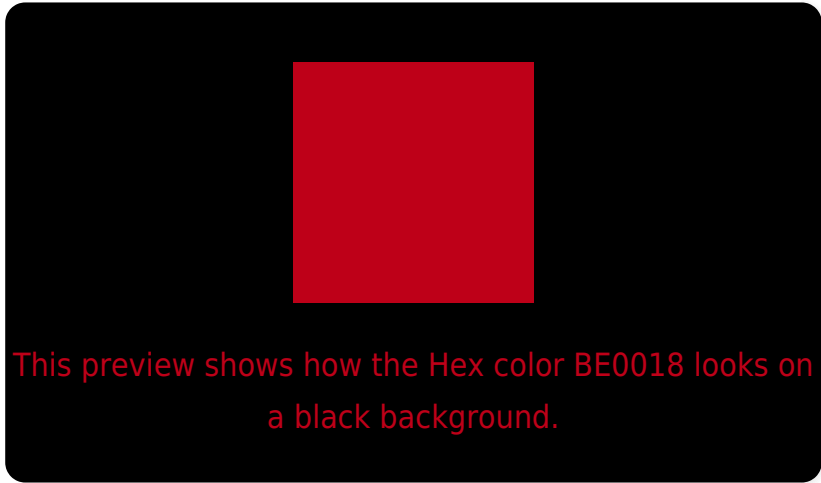
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE0018 Background



This preview shows how black text looks on a background with the Hex color BE0018.



This preview shows how white text looks on a background with the Hex color BE0018.

# 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**  
BE0018

**Protanopia**  
6B6029

**Deuteranopia**  
795B00



**Tritanopia**  
BD1100

# Trichromacy



**Original Color**  
BE0018

**Protanomaly**  
893D23

**Deuteranomaly**  
923A09

**Tritanomaly**  
BD0B09

# Monochromacy



**Original Color**  
BE0018

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
6B262F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE0018 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 #BE0018 looks like.

```
.text, #text, p{  
    color:#BE0018  
}
```

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 #BE0018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0018
}
```

## Border

The CSS property to change the border of an element to Hex BE0018 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".

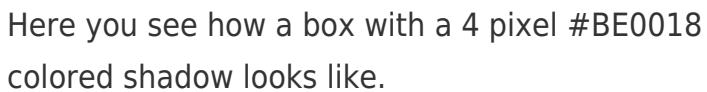
```
.border, #border, table{ border:4px solid
#BE0018 }
```

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

```
.border{ border-color:#BE0018 }
```

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

Here you see how a box with a 4 pixel #BE0018 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The text inside the box is "Here you see how a box with a 4 pixel #BE0018 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0018; -webkit-box-shadow:4px 4px  
4px 4px #BE0018; box-shadow:4px 4px 4px  
4px #BE0018 }
```

# Background

The CSS property to change the background color of an element to Hex BE0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0018 }
```

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

```
.background{ background-color:#BE0018 }
```

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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