

# Converting Colors

Hex(BC0404)

Have a look what the booklet for  
Hex(BC0404) contains.

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**Color**

**Hex(BC0404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC0404
RGB	188, 4, 4
RGB Percent	74%, 2%, 2%
CMY	0.2627, 0.9843, 0.9843
CMYK	0.00, 0.98, 0.98, 0.26
HSL	0°, 96%, 38%
HSV	0°, 98%, 74%
XYZ	20.8044, 10.7870, 1.1004
YIQ	59.0160, 109.6640, 39.0080

# Conversions

## Conversions Part 2

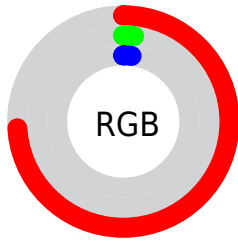
Format	Color
<a href="#">RYB</a>	<a href="#">188, 4, 4</a>
Decimal	<a href="#">12321796</a>
CIELab	<a href="#">39.22, 63.32, 51.96</a>
CIElCh	<a href="#">39, 81.909, 39.376</a>
Yxy	<a href="#">10.7870, 0.6364, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4290511876</a> ( <a href="#">0xFFBC0404</a> )
YUV	<a href="#">59.0160, -27.1229, 113.1190</a>
Hunter-Lab	<a href="#">32.8435, 55.5927, 21.0039</a>

# Details

The Hex color **BC0404** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **04BCBC**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **FD5236**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BC0000**, and if you desaturate by 10%, it is **BC1717**.

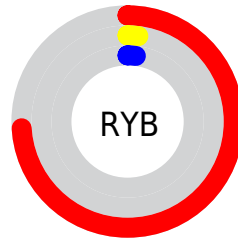
# Distribution



Red (74%)

Green (2%)

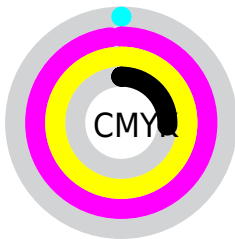
Blue (2%)



Red (74%)

Yellow (2%)

Blue (2%)

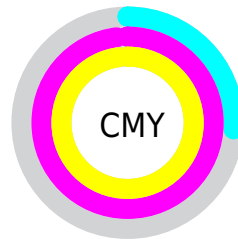


Cyan (0%)

Magenta (98%)

Yellow (98%)

Black (26%)



Cyan (26%)

Magenta (98%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC0404 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 BC0404 by changing the saturation by 10% instead.



 BC0404

 BC0404

 FFFFEF

 9C0000

 FD5236

 7C0000

 FF6F4E

 5D0000

 FF8C67

 410003

 FFA981

 1E0001

 FFC69B

 000000

 FFE3B6

 FFFFD2

 BC0404

 BC0404

 BC0000

 BC1717

 BC2A2A

 BC3C3C

 BC4F4F

 BC6262

 BC7575

 BC8888

 BC9A9A

 BCADAD

# Harmonies

## Analogous

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



CB004B



BC0404



954700

# Triad

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



BC0404



007429



0060E3

# Complementary

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



BC0404



04BCBC

# 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.



0071DC



BC0404



007671

# Square

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



BC0404



006E00



0076B1



713CC5

# Rectangle

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



BC0404



735A00



0076B1



0067E5



# Sweetspot

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



BC0404



F5AEAE



BC04BC



7A5050



FAFAFA



7A7A7A



# Same Dimension

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



BC0404



F50000



BC6004



5E5555



9E0000



1F0000



# Inverse Universe

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



04BCBC



00F5F5



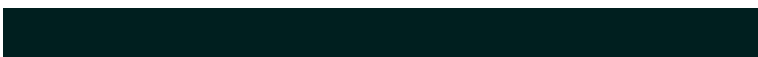
0460BC



555E5E



009E9E



001F1F



# Previews

## White Background



This preview shows how the Hex color BC0404 looks on a white background.

## Color Contrast Check

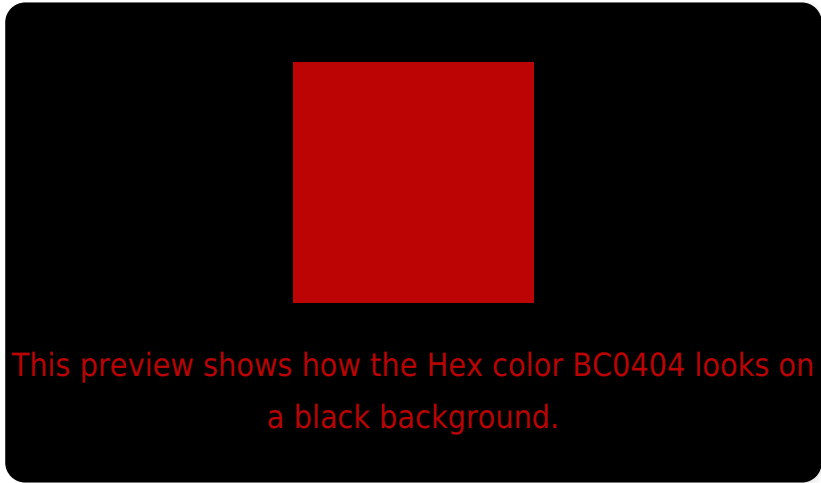
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC0404 Background



This preview shows how black text looks on a background with the Hex color BC0404.



This preview shows how white text looks on a background with the Hex color BC0404.

# 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**  
BC0404

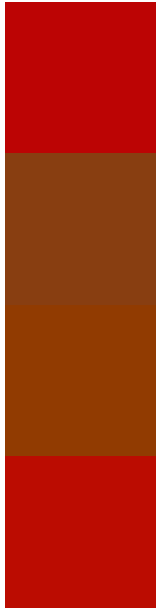
**Protanopia**  
6B5F19

**Deuteranopia**  
785A00



**Tritanopia**  
BB1100

# Trichromacy



**Original Color**  
BC0404

**Protanomaly**  
883E11

**Deuteranomaly**  
913B01

**Tritanomaly**  
BB0C01

# Monochromacy



**Original Color**  
BC0404

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
6A2727

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC0404 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 #BC0404 looks like.

```
.text, #text, p{  
    color:#BC0404  
}
```

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 #BC0404 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0404
}
```

## Border

The CSS property to change the border of an element to Hex BC0404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

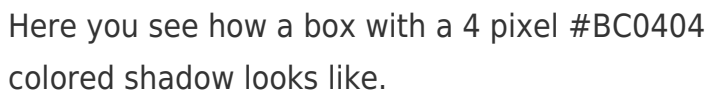
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC0404 }
```

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

```
.border{ border-color:#BC0404 }
```

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



Here you see how a box with a 4 pixel `#BC0404` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0404; -webkit-box-shadow:4px 4px  
4px 4px #BC0404; box-shadow:4px 4px 4px  
4px #BC0404 }
```

# Background

The CSS property to change the background color of an element to Hex BC0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0404 }
```

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

```
.background{ background-color:#BC0404 }
```

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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