

# Converting Colors

Hex(BE2019)

Have a look what the booklet for  
Hex(BE2019) contains.

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# Color

**Hex(BE2019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE2019
RGB	190, 32, 25
RGB Percent	75%, 13%, 10%
CMY	0.2549, 0.8745, 0.9020
CMYK	0.00, 0.83, 0.87, 0.25
HSL	3°, 77%, 42%
HSV	3°, 87%, 75%
XYZ	21.9272, 12.0504, 2.0900
YIQ	78.4440, 96.4150, 31.3190

# Conversions

## Conversions Part 2

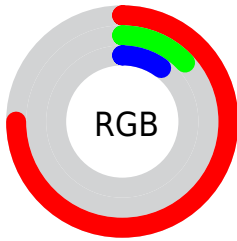
Format	Color
R <sub>Y</sub> B	190, 32, 25
Decimal	12460057
CIE Lab	41.30, 59.69, 45.24
CIE LCh	41, 74.895, 37.157
Yxy	12.0504, 0.6079, 0.3341
Android (android.graphics.Color)	4290650137 (0xFFBE2019)
YUV	78.4440, -26.3479, 97.8346
Hunter-Lab	34.7136, 52.0023, 20.7299

# Details

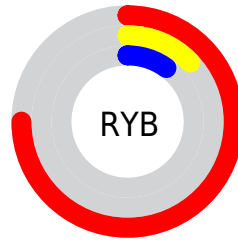
The Hex color **BE2019** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **19B7BE**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FE5E47**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BE0E06**, and if you desaturate by 10%, it is **BE322C**.

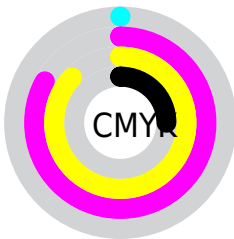
# Distribution



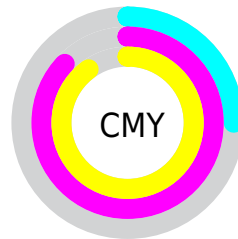
- Red (75%)
- Green (13%)
- Blue (10%)



- Red (75%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (87%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2019 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 BE2019 by changing the saturation by 10% instead.



 BE2019

 BE2019

FFFFFF

 9E0001

 FE5E47

 7F0000

 FF7A60

 600000

 FF9779

 440002

 FFB393

 240001

 FFD0AE

 000000

 FFEDC9

 FFFF66

 BE2019

 BE2019

 BE0E06

 BE322C

 BE0800

 BE443F

 BE5752

 BE6965

 BE7B78

 BE8D8B

 BE9F9E

 BEB2B1

 BEC4C4

# Harmonies

## Analogous

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



C90056



BE2019



9C4B00

# Triad

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



BE2019



00782D



0065DE

# Complementary

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



BE2019



19B7BE

# 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.



0075D4



BE2019



007A6F

# Square

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



BE2019



1E7100



007AAB



6F48C5

# Rectangle

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



BE2019



7C5D00



007AAB



006CDE



# Sweetspot

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



BE2019



F7BAB7



BE19B9



7D5856



FCFCFC



7D7D7D



# Same Dimension

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



BE2019



F70A00



BE7119



5E5555



9E0700



1F0100



# Inverse Universe

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



19B7BE



00EDF7



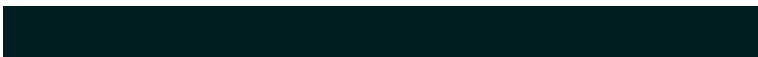
1966BE



555E5E



00979E



001D1F



# Previews

## White Background



This preview shows how the Hex color BE2019 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 BE2019 Background



This preview shows how black text looks on a background with the Hex color BE2019.



This preview shows how white text looks on a background with the Hex color BE2019.

# 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**  
BE2019

**Protanopia**  
6E6328

**Deuteranopia**  
7D5E00



# Trichromacy



**Original Color**  
BE2019

**Protanomaly**  
8B4B23

**Deuteranomaly**  
954709

**Tritanomaly**  
BE1F1C

# Monochromacy



**Original Color**  
BE2019

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
773D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2019 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 #BE2019 looks like.

```
.text, #text, p{  
    color:#BE2019  
}
```

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 #BE2019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2019
}
```

## Border

The CSS property to change the border of an element to Hex BE2019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

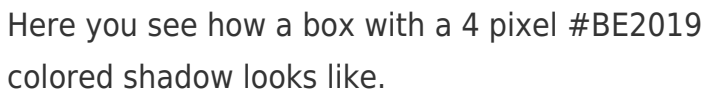
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE2019 }
```

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

```
.border{ border-color:#BE2019 }
```

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



Here you see how a box with a 4 pixel #BE2019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2019; -webkit-box-shadow:4px 4px  
4px 4px #BE2019; box-shadow:4px 4px 4px  
4px #BE2019 }
```

# Background

The CSS property to change the background color of an element to Hex BE2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2019 }
```

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

```
.background{ background-color:#BE2019 }
```

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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