

# Converting Colors

Hex(BD1419)

Have a look what the booklet for  
Hex(BD1419) contains.

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# Color

**Hex(BD1419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD1419
RGB	189, 20, 25
RGB Percent	74%, 8%, 10%
CMY	0.2588, 0.9216, 0.9020
CMYK	0.00, 0.89, 0.87, 0.26
HSL	358°, 81%, 41%
HSV	358°, 89%, 74%
XYZ	21.4119, 11.3893, 1.9895
YIQ	71.1010, 99.1190, 37.3830

# Conversions

## Conversions Part 2

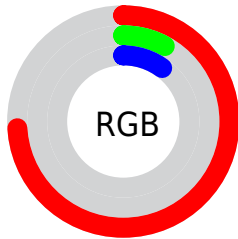
Format	Color
R <sub>Y</sub> B	189, 20, 25
Decimal	12391449
CIE Lab	40.23, 61.87, 44.27
CIE LCh	40, 76.076, 35.584
Yxy	11.3893, 0.6154, 0.3274
Android (android.graphics.Color)	4290581529 (0xFFBD1419)
YUV	71.1010, -22.7278, 103.3974
Hunter-Lab	33.7481, 54.1925, 20.1284

# Details

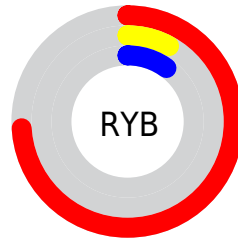
The Hex color **BD1419** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **14BDB8**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FD5847**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD0107**, and if you desaturate by 10%, it is **BD272B**.

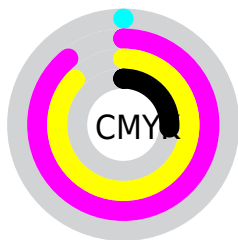
# Distribution



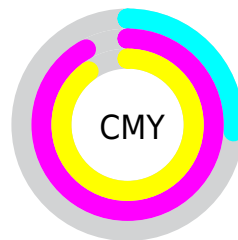
- Red (74%)
- Green (8%)
- Blue (10%)



- Red (74%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (89%)
- Yellow (87%)
- Black (26%)



- Cyan (26%)
- Magenta (92%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD1419 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 BD1419 by changing the saturation by 10% instead.



 BD1419

 BD1419

FFFFFF

 9D0001

 FD5847

 7E0000

 FF755F

 5F0000

 FF9178

 430003

 FFAE92

 220001

 FFCBAD

 000000

 FFE8C9

 FFFF E5

 BD1419

 BD1419

 BD0107

 BD272B

 BD0006

 BD3A3E

 BD4D50

 BD6062

 BD7275

 BD8587

 BD9899

 BDABAC

 BDBEBE

# Harmonies

## Analogous

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



C70056



BD1419



9C4700

# Triad

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



BD1419



007526



0064DD

# Complementary

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



BD1419



14BDB8

# 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.



0073D2



BD1419



007769

# Square

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



BD1419



1F6E00



0078A7



6647C6

# Rectangle

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



BD1419



7C5900



0078A7



006ADD



# Sweetspot

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



BD1419



F5B3B5



B714BD



7A5354



FAFAFA



7A7A7A



# Same Dimension

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



BD1419



F50007



BD6314



5E5555



9E0005



1F0001



# Inverse Universe

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



BD1419



F50007



146EBD



5E5555



9E0005



1F0001



# Previews

## White Background



This preview shows how the Hex color BD1419 looks on a white background.

## Color Contrast Check

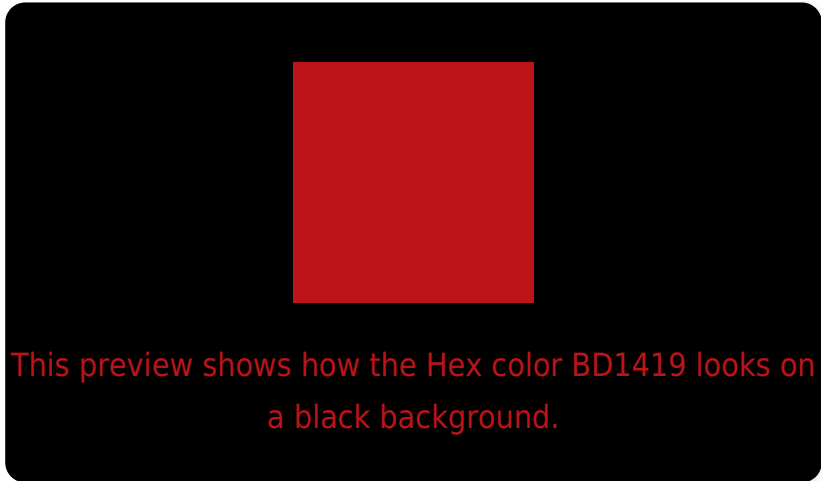
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD1419 Background



This preview shows how black text looks on a background with the Hex color BD1419.



This preview shows how white text looks on a background with the Hex color BD1419.

# 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**  
BD1419

**Protanopia**  
6B612A

**Deuteranopia**  
7A5C00



# Trichromacy



**Original Color**  
BD1419

**Protanomaly**  
894524

**Deuteranomaly**  
924209

**Tritanomaly**  
BD1513

# Monochromacy



**Original Color**  
BD1419

**Achromatopsia**  
474747

**Achromatomaly**  
723436

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD1419 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 #BD1419 looks like.

```
.text, #text, p{  
    color:#BD1419  
}
```

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 #BD1419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD1419
}
```

## Border

The CSS property to change the border of an element to Hex BD1419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

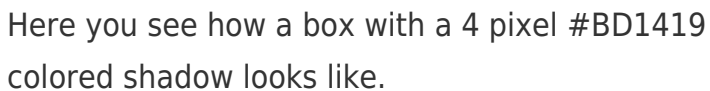
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD1419 }
```

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

```
.border{ border-color:#BD1419 }
```

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



Here you see how a box with a 4 pixel #BD1419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD1419; -webkit-box-shadow:4px 4px  
4px 4px #BD1419; box-shadow:4px 4px 4px  
4px #BD1419 }
```

# Background

The CSS property to change the background color of an element to Hex BD1419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD1419 }
```

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

```
.background{ background-color:#BD1419 }
```

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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