

# Converting Colors

Hex(B01D28)

Have a look what the booklet for  
Hex(B01D28) contains.

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# Color

Hex(**B01D28**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B01D28
RGB	176, 29, 40
RGB Percent	69%, 11%, 16%
CMY	0.3098, 0.8863, 0.8431
CMYK	0.00, 0.84, 0.77, 0.31
HSL	356°, 72%, 40%
HSV	356°, 84%, 69%
XYZ	18.7269, 10.2620, 3.0012
YIQ	74.2070, 84.0810, 34.5850

# Conversions

## Conversions Part 2

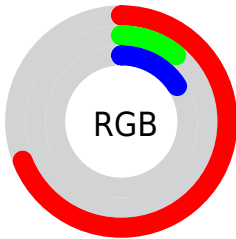
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 29, 40
Decimal	11541800
CIE <sub>Lab</sub>	38.31, 56.86, 33.22
CIE <sub>LCh</sub>	38, 65.851, 30.297
Yxy	10.2620, 0.5854, 0.3208
Android (android.graphics.Color)	4289731880 (0xFFB01D28)
YUV	74.2070, -16.8641, 89.2725
Hunter-Lab	32.0344, 48.2883, 16.8693

# Details

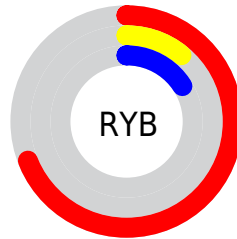
The Hex color **B01D28** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1DB0A5**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EF5A56**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B00B18**, and if you desaturate by 10%, it is **B02F38**.

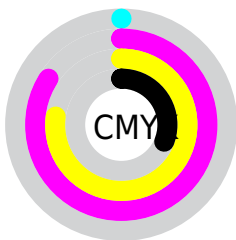
# Distribution



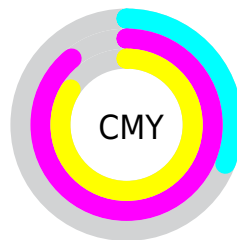
- Red (69%)
- Green (11%)
- Blue (16%)



- Red (69%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (77%)
- Black (31%)



- Cyan (31%)
- Magenta (89%)
- Yellow (84%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01D28 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 B01D28 by changing the saturation by 10% instead.



 B01D28

 B01D28

FFFFFFF

 910013

 EF5A56

 730000

 FF766E

 550000

 FF9287

 390002

 FFAEA2

 100000

 FFCBBD

 000000

 FFE8D9

 FFFFF5

 B01D28

 B01D28

 B00B18

 B02F38

 B0000D

 B04049

 B05259

 B06369

 B07579

 B0878A

 B0989A

 B0AAAA

 B0BBBB

# Harmonies

## Analogous

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



B3005C



B01D28



964100

# Triad

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



B01D28



006D20



0061C7

# Complementary

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



B01D28



1DB0A5

# 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.



006DB7



B01D28



007059

# Square

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



B01D28



376600



00708F



514BB8

# Rectangle

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



B01D28



7D5200



00708F



0066C5



# Sweetspot

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



B01D28



E6ACB0



A41DB0



735053



F2F2F2



737373



# Same Dimension

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



B01D28



E60011



B05A1D



595051



99000B



1A0002



# Inverse Universe

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



B01D28



E60011



1D73B0



595051



99000B



1A0002



# Previews

## White Background



This preview shows how the Hex color B01D28 looks on a white background.

## Color Contrast Check

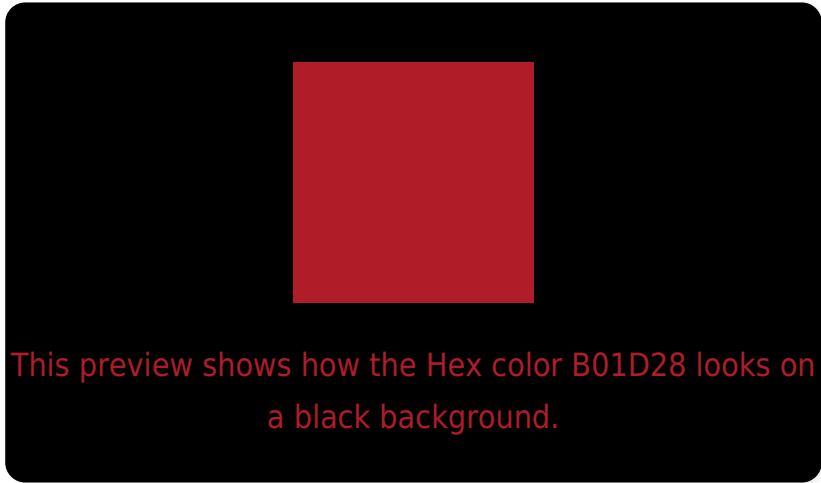
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01D28 Background



This preview shows how black text looks on a background with the Hex color B01D28.

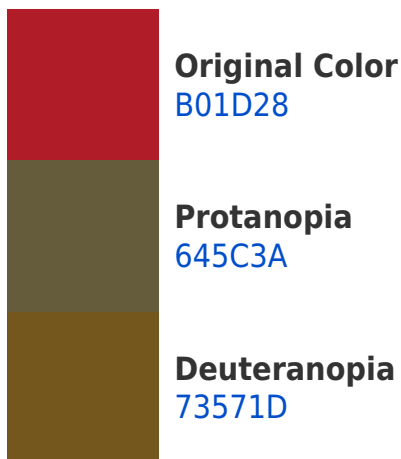


This preview shows how white text looks on a background with the Hex color B01D28.

# Color Blindness Simulation

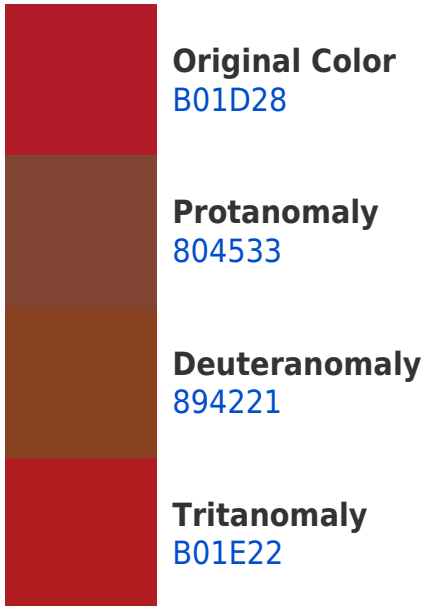
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

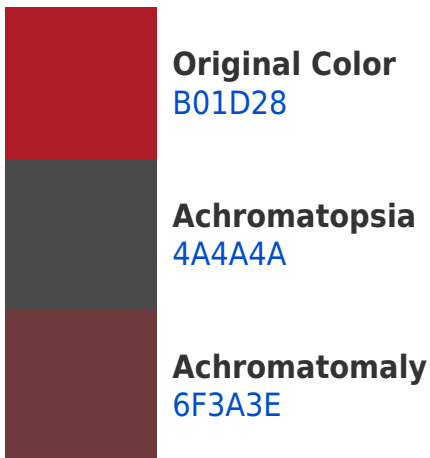




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01D28 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 #B01D28 looks like.

```
.text, #text, p{  
    color:#B01D28  
}
```

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 #B01D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01D28
}
```

## Border

The CSS property to change the border of an element to Hex B01D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

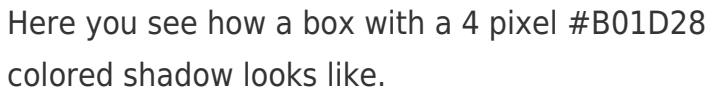
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B01D28 }
```

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

```
.border{ border-color:#B01D28 }
```

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



Here you see how a box with a 4 pixel #B01D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01D28; -webkit-box-shadow:4px 4px  
4px 4px #B01D28; box-shadow:4px 4px 4px  
4px #B01D28 }
```

# Background

The CSS property to change the background color of an element to Hex B01D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01D28 }
```

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

```
.background{ background-color:#B01D28 }
```

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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