

# Converting Colors

Hex(B01F2A)

Have a look what the booklet for  
Hex(B01F2A) contains.

<b>Hex(B01F2A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B01F2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B01F2A
RGB	176, 31, 42
RGB Percent	69%, 12%, 16%
CMY	0.3098, 0.8784, 0.8353
CMYK	0.00, 0.82, 0.76, 0.31
HSL	355°, 70%, 41%
HSV	355°, 82%, 69%
XYZ	18.8124, 10.3772, 3.2020
YIQ	75.6090, 82.8890, 34.1610

# Conversions

## Conversions Part 2

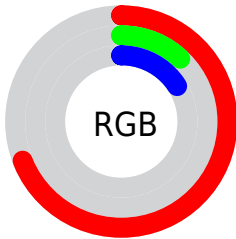
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 31, 42
Decimal	11542314
CIE <sub>Lab</sub>	38.51, 56.43, 32.25
CIE <sub>LCh</sub>	39, 64.993, 29.751
Yxy	10.3772, 0.5808, 0.3204
Android (android.graphics.Color)	4289732394 (0xFFB01F2A)
YUV	75.6090, -16.5692, 88.0429
Hunter-Lab	32.2137, 47.8676, 16.6563

# Details

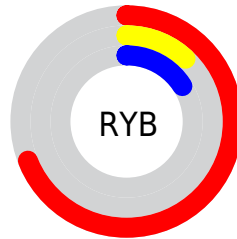
The Hex color **B01F2A** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1FB0A5**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **EE5B58**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B00D1A**, and if you desaturate by 10%, it is **B0313A**.

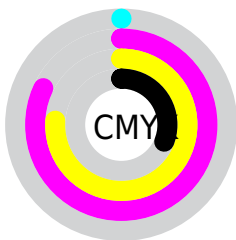
# Distribution



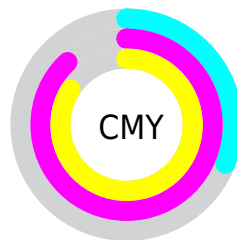
- Red (69%)
- Green (12%)
- Blue (16%)



- Red (69%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (76%)
- Black (31%)



- Cyan (31%)
- Magenta (88%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01F2A 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 B01F2A by changing the saturation by 10% instead.



 B01F2A

 B01F2A

FFFFFF

 910015

 EE5B58

 730000

 FF7770

 550000

 FF938A

 390002

 FFAFA4

 110000

 FFCCBF

 000000

 FFE9DB

 FFFFF8

 B01F2A

 B01F2A

 B00D1A

 B0313A

 B0000D

 B0424B

 B0545B

 B0656B

 B0777B

 B0898C

 B09A9C

 B0ACAC

 B0BDBC

# Harmonies

## Analogous

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



B3025E



B01F2A



974100

# Triad

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



B01F2A



006D20



0062C6

# Complementary

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



B01F2A



1FB0A5

# 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.



006DB6



B01F2A



007059

# Square

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



B01F2A



3A6600



00718E



504DB8

# Rectangle

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



B01F2A



7E5200



00718E



0067C4



# Sweetspot

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



B01F2A



E6ACB0



A41FB0



735053



F2F2F2



737373



# Same Dimension

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



B01F2A



E60214



B05B1F



595051



99000C



1A0002



# Inverse Universe

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



B01F2A



E60214



1F74B0



595051



99000C



1A0002



# Previews

## White Background



This preview shows how the Hex color B01F2A looks on a white background.

## Color Contrast Check

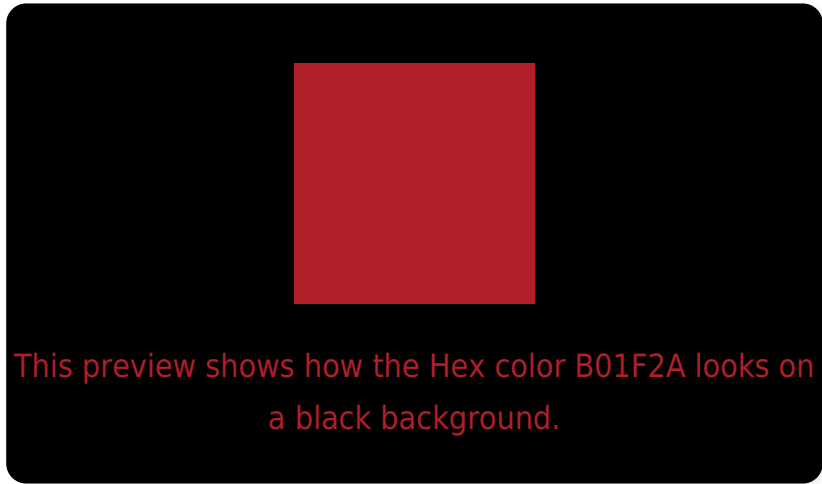
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01F2A Background



This preview shows how black text looks on a background with the Hex color B01F2A.



This preview shows how white text looks on a background with the Hex color B01F2A.

# 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



**Original Color**  
B01F2A

**Protanomaly**  
804636

**Deuteranomaly**  
894324

**Tritanomaly**  
B02024

# Monochromacy



**Original Color**  
B01F2A

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
703C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01F2A 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 #B01F2A looks like.

```
.text, #text, p{  
    color:#B01F2A  
}
```

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 #B01F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01F2A }  
}
```

## Border

The CSS property to change the border of an element to Hex B01F2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

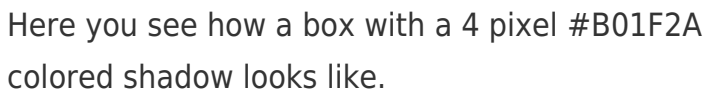
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B01F2A }  
}
```

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

```
.border{ border-color:#B01F2A }
```

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



Here you see how a box with a 4 pixel #B01F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01F2A; -webkit-box-shadow:4px 4px  
4px 4px #B01F2A; box-shadow:4px 4px 4px  
4px #B01F2A }
```

# Background

The CSS property to change the background color of an element to Hex B01F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01F2A }
```

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

```
.background{ background-color:#B01F2A }
```

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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