

Converting Colors

Hex(BD2F2A)

Have a look what the booklet for
Hex(BD2F2A) contains.

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Color

Hex(BD2F2A)

Conversions

Conversions Part 1

Format	Color
Hex	BD2F2A
RGB	189, 47, 42
RGB Percent	74%, 18%, 16%
CMY	0.2588, 0.8157, 0.8353
CMYK	0.00, 0.75, 0.78, 0.26
HSL	2°, 64%, 45%
HSV	2°, 78%, 74%
XYZ	22.4207, 13.0190, 3.5217
YIQ	88.8880, 86.2370, 28.5490

Conversions

Conversions Part 2

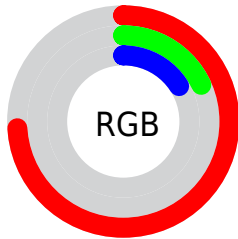
Format	Color
R _Y B	189, 47, 42
Decimal	12398378
CIE Lab	42.79, 55.53, 37.64
CIE LCh	43, 67.083, 34.134
Yxy	13.0190, 0.5755, 0.3342
Android (android.graphics.Color)	4290588458 (0xFFBD2F2A)
YUV	88.8880, -23.1158, 87.7982
Hunter-Lab	36.0819, 47.7738, 19.4704

Details

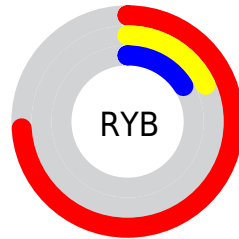
The Hex color **BD2F2A** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2AB8BD**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FC6858**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BD1D17**, and if you desaturate by 10%, it is **BD413D**.

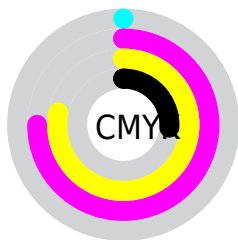
Distribution



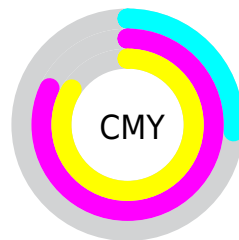
- Red (74%)
- Green (18%)
- Blue (16%)



- Red (74%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (78%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2F2A 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 BD2F2A by changing the saturation by 10% instead.

 BD2F2A

 BD2F2A

FFFFFF

 9E0614

 FC6858

 800000

 FF8471

 610000

 FFA08B

 440001

 FFBCA5

 260001

 FFD9C1

 000000

 FFF6DD

 FFFFF9

 BD2F2A

 BD2F2A

■ BD1D17

■ BD413D

■ BD0A04

■ BD5450

■ BD0600

■ BD6663

■ BD7876

■ BD8A89

■ BD9D9B

■ BDAFAE

■ BDC1C1

■ BDD3D4

Harmonies

Analogous

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



C31460



BD2F2A



A04F00

Triad

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



BD2F2A



007A31



006AD5

Complementary

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



BD2F2A



2AB8BD

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.



0077C9



BD2F2A



007C6C

Square

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



BD2F2A



397300



007CA2



6A52C2

Rectangle

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



BD2F2A



845F00



007CA2



0070D5

Sweetspot

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



BD2F2A



F5BEBC



BD2AB8



7A5958



FAFAFA



7A7A7A

Same Dimension

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



BD2F2A



F51911



BD782A



5E5555



9E0500



1F0100

Inverse Universe

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



2AB8BD



11EDF5



2A6FBD



555E5E



00999E



001E1F

Previews

White Background



This preview shows how the Hex color BD2F2A looks on a white background.

Color Contrast Check

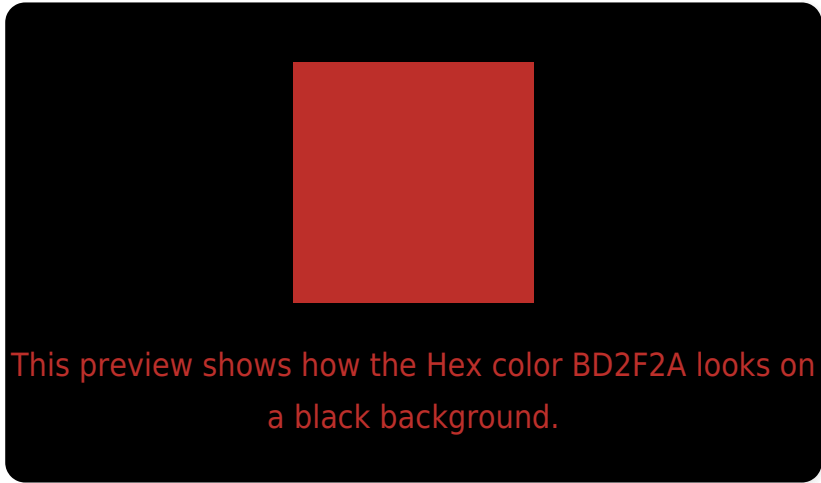
Large Text (above 18pt) WCAG AA ✓ Pass

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

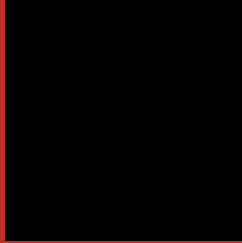
Any Text WCAG AA × Fail

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 BD2F2A Background



This preview shows how black text looks on a background with the Hex color BD2F2A.



This preview shows how white text looks on a background with the Hex color BD2F2A.

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
BD2F2A

Protanopia
70663A

Deuteranopia
80611F

Trichromacy



Original Color
BD2F2A

Protanomaly
8C5234

Deuteranomaly
964F23

Tritanomaly
BD2E2E

Monochromacy



Original Color
BD2F2A

Achromatopsia
595959

Achromatomaly
7D4A48

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2F2A 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 #BD2F2A looks like.

```
.text, #text, p{  
    color:#BD2F2A  
}
```

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 #BD2F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2F2A
}
```

Border

The CSS property to change the border of an element to Hex BD2F2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

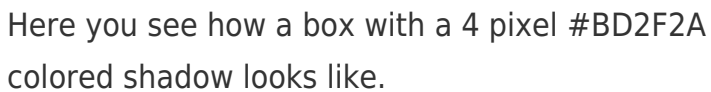
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2F2A }
```

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

```
.border{ border-color:#BD2F2A }
```

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



Here you see how a box with a 4 pixel `#BD2F2A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2F2A; -webkit-box-shadow:4px 4px  
4px 4px #BD2F2A; box-shadow:4px 4px 4px  
4px #BD2F2A }
```

Background

The CSS property to change the background color of an element to Hex BD2F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2F2A }
```

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

```
.background{ background-color:#BD2F2A }
```

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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