

Converting Colors

Hex(B4022F)

Have a look what the booklet for
Hex(B4022F) contains.

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Color

Hex(B4022F)

Conversions

Conversions Part 1

Format	Color
Hex	B4022F
RGB	180, 2, 47
RGB Percent	71%, 1%, 18%
CMY	0.2941, 0.9922, 0.8157
CMYK	0.00, 0.99, 0.74, 0.29
HSL	345°, 98%, 36%
HSV	345°, 99%, 71%
XYZ	19.3572, 9.9520, 3.5900
YIQ	60.3520, 91.6430, 51.7310

Conversions

Conversions Part 2

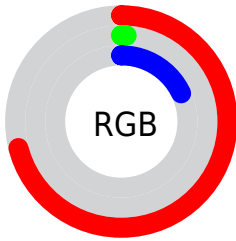
Format	Color
RYB	180, 2, 47
Decimal	11797039
CIELab	37.76, 62.47, 28.55
CIElCh	38, 68.683, 24.563
Yxy	9.9520, 0.5884, 0.3025
Android (android.graphics.Color)	4289987119 (0xFFB4022F)
YUV	60.3520, -6.5825, 104.9313
Hunter-Lab	31.5467, 54.3216, 15.3355

Details

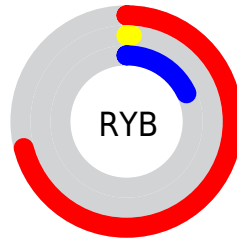
The Hex color **B4022F** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **02B487**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **F3515D**, and **770001** is the 20% darker color. If you saturate the color by 10%, you get **B4002E**, and if you desaturate by 10%, it is **B4143C**.

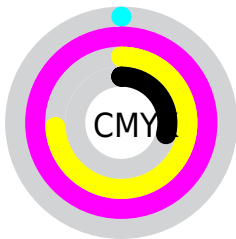
Distribution



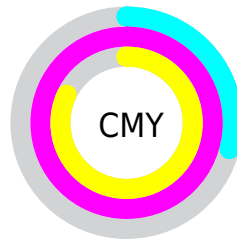
- Red (71%)
- Green (1%)
- Blue (18%)



- Red (71%)
- Yellow (1%)
- Blue (18%)



- Cyan (0%)
- Magenta (99%)
- Yellow (74%)
- Black (29%)



- Cyan (29%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4022F 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 B4022F by changing the saturation by 10% instead.

 B4022F

 B4022F

FFFFFFF

 95001A

 F3515D

 770001

 FF6E75

 580000

 FF8A8F

 3C0003

 FFA7A9

 150000

 FFC4C5

 000000

 FFE1E1

FFFFFFD

 B4022F

 B4022F

 B4002E

 B4143C

 B4264A

 B43857

 B44A65

 B45C72

 B46E80

 B4808D

 B4929B

 B4A4A8

Harmonies

Analogous

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



B20066



B4022F



9D3800

Triad

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



B4022F



006B0B



0064C9

Complementary

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



B4022F



02B487

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.



006DB4



B4022F



006F4D

Square

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



B4022F



416300



007086



2F4FC0

Rectangle

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



B4022F



844C00



007086



0068C5

Sweetspot

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



B4022F



EBA4B6



8502B4



754B56



F5F5F5



757575

Same Dimension

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



B4022F



EB003B



B42C02



595053



990027



1A0006

Inverse Universe

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



B4022F



EB003B



028AB4



595053



990027



1A0006

Previews

White Background



This preview shows how the Hex color B4022F looks on a white background.

Color Contrast Check

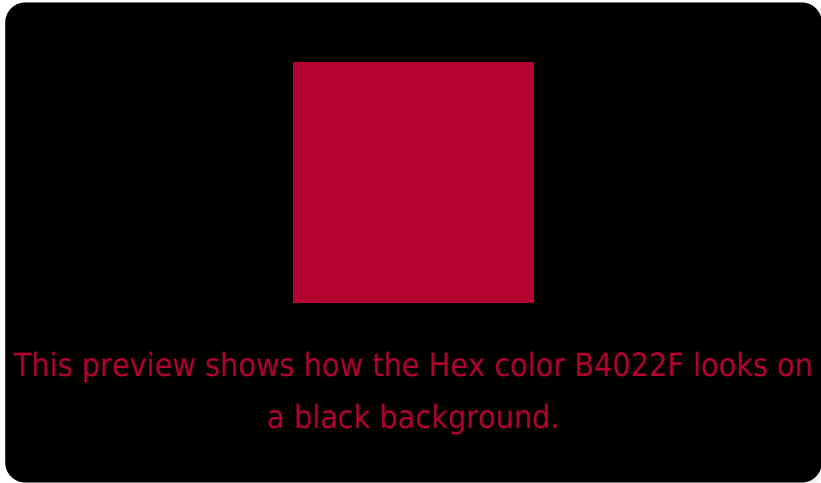
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B4022F Background



This preview shows how black text looks on a background with the Hex color B4022F.

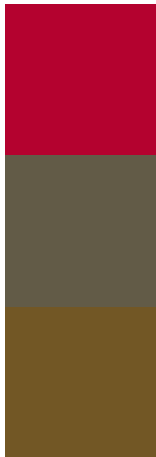


This preview shows how white text looks on a background with the Hex color B4022F.

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

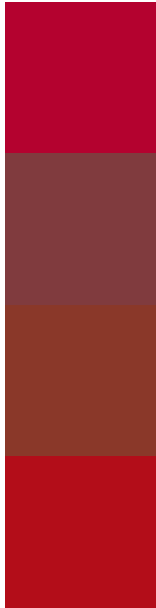


Original Color
B4022F

Protanopia
625B47

Deuteranopia
725725

Trichromacy



Original Color
B4022F

Protanomaly
803B3E

Deuteranomaly
8A3829

Tritanomaly
B30D19

Monochromacy



Original Color
B4022F

Achromatopsia
3C3C3C

Achromatomaly
682737

CSS Examples

Text

The CSS property to change the color of the text to Hex B4022F 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 #B4022F looks like.

```
.text, #text, p{  
    color:#B4022F  
}
```

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 #B4022F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4022F
}
```

Border

The CSS property to change the border of an element to Hex B4022F is called "border". The border property can be set on classes, ids or directly on the HTML element.

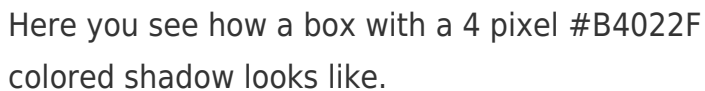
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4022F }
```

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

```
.border{ border-color:#B4022F }
```

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



Here you see how a box with a 4 pixel #B4022F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4022F; -webkit-box-shadow:4px 4px  
4px 4px #B4022F; box-shadow:4px 4px 4px  
4px #B4022F }
```

Background

The CSS property to change the background color of an element to Hex B4022F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4022F }
```

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

```
.background{ background-color:#B4022F }
```

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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