

Converting Colors

Hex(B30020)

Have a look what the booklet for
Hex(B30020) contains.

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Color

Hex(B30020)

Conversions

Conversions Part 1

Format	Color
Hex	B30020
RGB	179, 0, 32
RGB Percent	70%, 0%, 13%
CMY	0.2980, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.82, 0.30
HSL	349°, 100%, 35%
HSV	349°, 100%, 70%
XYZ	18.8511, 9.6880, 2.2429
YIQ	57.1690, 96.4120, 47.9000

Conversions

Conversions Part 2

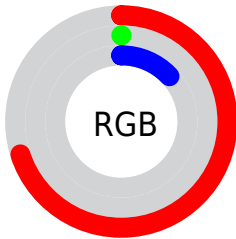
Format	Color
RYB	179, 0, 32
Decimal	11730976
CIELab	37.28, 61.95, 37.03
CIElCh	37, 72.172, 30.870
Yxy	9.6880, 0.6124, 0.3147
Android (android.graphics.Color)	4289921056 (0xFFB30020)
YUV	57.1690, -12.4083, 106.8458
Hunter-Lab	31.1255, 53.6385, 17.5154

Details

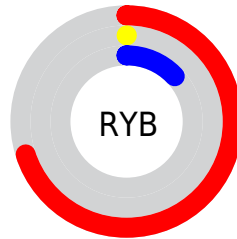
The Hex color **B30020** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00B393**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **F3504D**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B30020**, and if you desaturate by 10%, it is **B3122F**.

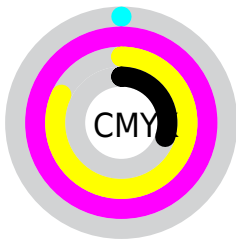
Distribution



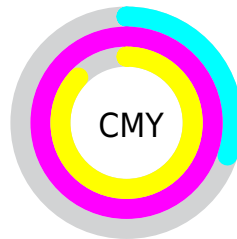
- Red (70%)
- Green (0%)
- Blue (13%)



- Red (70%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30020 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 B30020 by changing the saturation by 10% instead.

 B30020

 B30020

FFFFFF

 94000B

 F3504D

 750000

 FF6D65

 560001

 FF897E

 3A0002

 FFA698

 110000

 FFC2B3

 000000

 FFE0CF

 FFFDEB

 B30020

 B3122F

 B3243D

 B3364C

 B3485B

 B35A69

 B36B78

 B37D87

 B38F96

 B3A1A4

Harmonies

Analogous

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



B80059



B30020



973C00

Triad

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



B30020



006C17



0060CE

Complementary

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



B30020



00B393

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.



006CBF



B30020



006F58

Square

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



B30020



2D6500



006F93



4C47BD

Rectangle

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



B30020



7B4F00



006F93



0065CD

Sweetspot

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



B30020



E8A2AF



9200B3



754B53



F5F5F5



757575

Same Dimension

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



B30020



E80029



B33900



595052



99001B



1A0005

Inverse Universe

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



B30020



E80029



007AB3



595052



99001B



1A0005

Previews

White Background



This preview shows how the Hex color B30020 looks on a white background.

Color Contrast Check

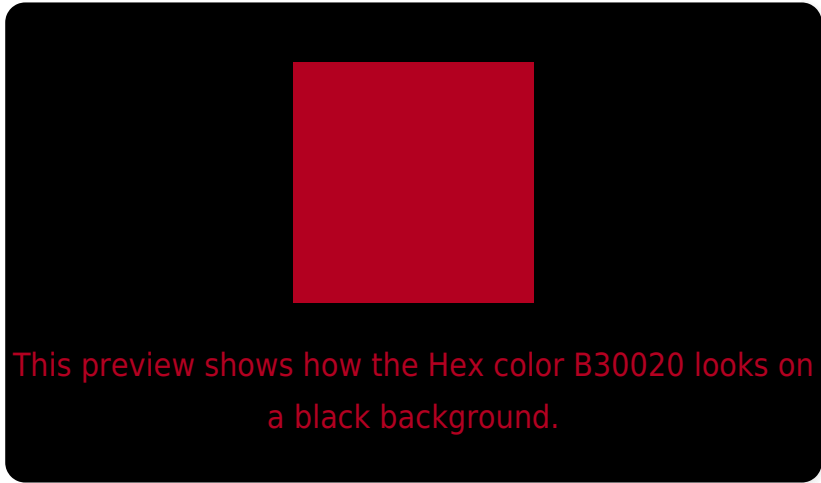
Large Text (above 18pt) WCAG AA ✓ Pass

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 B30020 Background



This preview shows how black text looks on a background with the Hex color B30020.

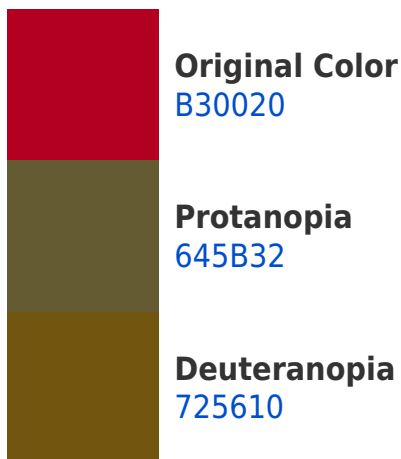


This preview shows how white text looks on a background with the Hex color B30020.

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





Tritanopia
B21000

Trichromacy



Original Color
B30020

Protanomaly
813A2B

Deuteranomaly
8A3716

Tritanomaly
B20A0C

Monochromacy



Original Color
B30020

Achromatopsia
393939

Achromatomaly
652430

CSS Examples

Text

The CSS property to change the color of the text to Hex B30020 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 #B30020 looks like.

```
.text, #text, p{  
    color:#B30020  
}
```

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 #B30020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30020
}
```

Border

The CSS property to change the border of an element to Hex B30020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

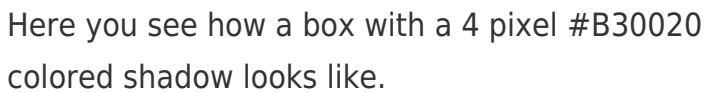
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B30020 }
```

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

```
.border{ border-color:#B30020 }
```

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



Here you see how a box with a 4 pixel #B30020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30020; -webkit-box-shadow:4px 4px  
4px 4px #B30020; box-shadow:4px 4px 4px  
4px #B30020 }
```

Background

The CSS property to change the background color of an element to Hex B30020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30020 }
```

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

```
.background{ background-color:#B30020 }
```

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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