

Converting Colors

Hex(B2233C)

Have a look what the booklet for
Hex(B2233C) contains.

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Color

Hex(B2233C)

Conversions

Conversions Part 1

Format	Color
Hex	B2233C
RGB	178, 35, 60
RGB Percent	70%, 14%, 24%
CMY	0.3020, 0.8627, 0.7647
CMYK	0.00, 0.80, 0.66, 0.30
HSL	350°, 67%, 42%
HSV	350°, 80%, 70%
XYZ	19.7767, 10.9933, 5.3545
YIQ	80.6070, 77.2030, 38.0910

Conversions

Conversions Part 2

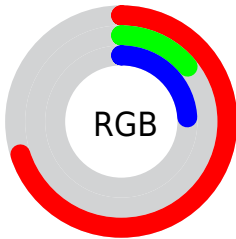
Format	Color
R _Y B	178, 35, 60
Decimal	11674428
CIE Lab	39.57, 56.76, 22.53
CIE LCh	40, 61.072, 21.653
Yxy	10.9933, 0.5475, 0.3043
Android (android.graphics.Color)	4289864508 (0xFFB2233C)
YUV	80.6070, -10.1593, 85.4137
Hunter-Lab	33.1561, 48.4473, 13.6343

Details

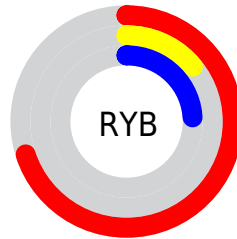
The Hex color **B2233C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **23B299**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F05F6B**, and **760013** is the 20% darker color. If you saturate the color by 10%, you get **B2112D**, and if you desaturate by 10%, it is **B2354B**.

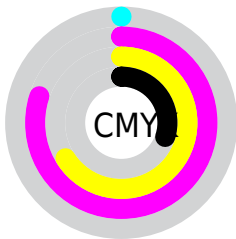
Distribution



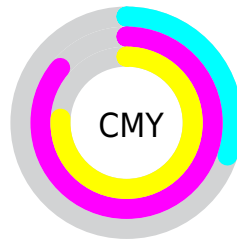
- Red (70%)
- Green (14%)
- Blue (24%)



- Red (70%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (80%)
- Yellow (66%)
- Black (30%)



- Cyan (30%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2233C 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 B2233C by changing the saturation by 10% instead.

 B2233C

 B2233C

FFFFFF

 940026

 F05F6B

 760013

 FF7A84

 580000

 FF969E

 3D0003

 FFB3B9

 180001

 FFCFD5

 000000

 FFEDF1

 B2233C

 B2233C

 B2112D

 B2354B

 B2001F

 B24759

 B25868

 B26A77

 B27C85

 B28E94

 B2A0A3

 B2B1B2

 B2C3C0

Harmonies

Analogous

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



AD1F6D



B2233C



A03F08

Triad

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



B2233C



006E17



0068C1

Complementary

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



B2233C



23B299

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.



0070AB



B2233C



00724D

Square

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



B2233C



4F6500



007381



3356BB

Rectangle

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



B2233C



8A4F00



007381



006BBC

Sweetspot

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



B2233C



E8B0BA



9823B2



755359



F5F5F5



757575

Same Dimension

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



B2233C



E80930



B25023



595052



99001B



1A0004

Inverse Universe

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



B2233C



E80930



2385B2



595052



99001B



1A0004

Previews

White Background



This preview shows how the Hex color B2233C looks on a white background.

Color Contrast Check

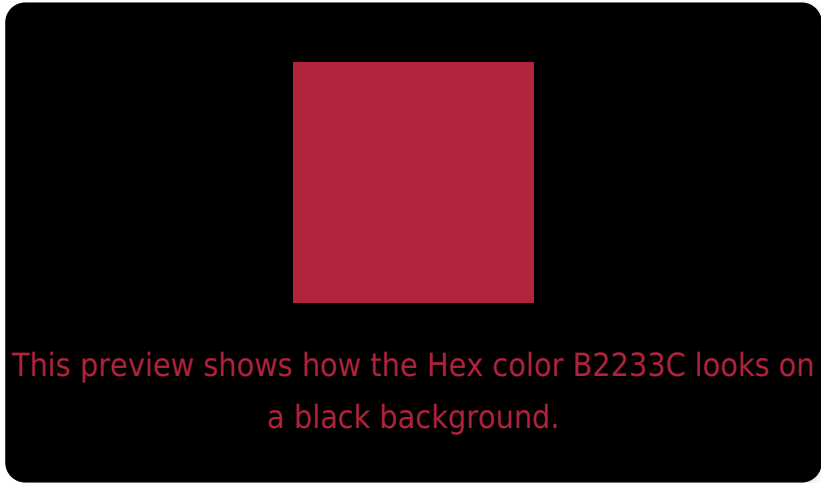
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2233C Background



This preview shows how black text looks on a background with the Hex color B2233C.

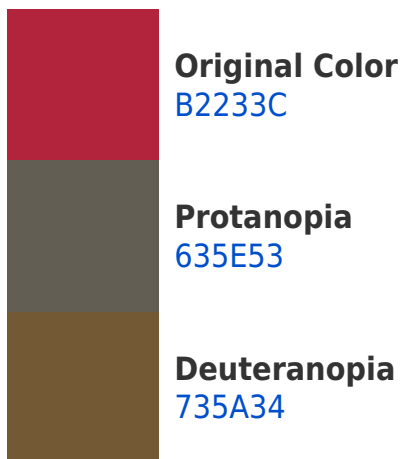


This preview shows how white text looks on a background with the Hex color B2233C.

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
B2233C

Protanomaly
80494B

Deuteranomaly
8A4637

Tritanomaly
B1262F

Monochromacy



Original Color
B2233C

Achromatopsia
515151

Achromatomaly
744049

CSS Examples

Text

The CSS property to change the color of the text to Hex B2233C 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 #B2233C looks like.

```
.text, #text, p{  
    color:#B2233C  
}
```

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 #B2233C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2233C }  
}
```

Border

The CSS property to change the border of an element to Hex B2233C 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".

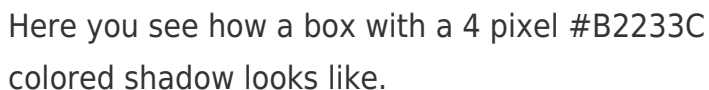
```
.border, #border, table{ border:4px solid #B2233C }  
}
```

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

```
.border{ border-color:#B2233C }
```

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

Here you see how a box with a 4 pixel #B2233C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2233C; -webkit-box-shadow:4px 4px  
4px 4px #B2233C; box-shadow:4px 4px 4px  
4px #B2233C }
```

Background

The CSS property to change the background color of an element to Hex B2233C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2233C }
```

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

```
.background{ background-color:#B2233C }
```

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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