

# Converting Colors

Hex(B2225C)

Have a look what the booklet for  
Hex(B2225C) contains.

<b>Hex(B2225C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(B2225C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2225C
RGB	178, 34, 92
RGB Percent	70%, 13%, 36%
CMY	0.3020, 0.8667, 0.6392
CMYK	0.00, 0.81, 0.48, 0.30
HSL	336°, 68%, 42%
HSV	336°, 81%, 70%
XYZ	20.8639, 11.3817, 11.2225
YIQ	83.6680, 67.2060, 48.5660

# Conversions

## Conversions Part 2

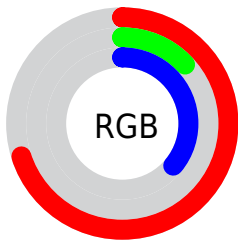
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 34, 92
Decimal	11674204
CIE <sub>Lab</sub>	40.22, 59.31, 3.15
CIE <sub>LCh</sub>	40, 59.390, 3.043
Yxy	11.3817, 0.4800, 0.2618
Android (android.graphics.Color)	4289864284 (0xFFB2225C)
YUV	83.6680, 4.1077, 82.7292
Hunter-Lab	33.7368, 51.3504, 3.8931

# Details

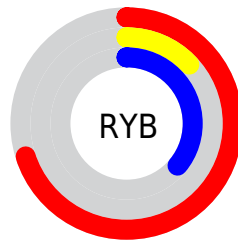
The Hex color **B2225C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **22B278**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **EE5F8E**, and **77002F** is the 20% darker color. If you saturate the color by 10%, you get **B21051**, and if you desaturate by 10%, it is **B23467**.

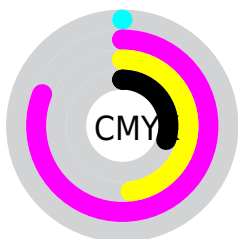
# Distribution



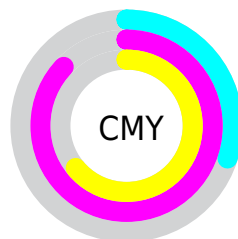
- Red (70%)
- Green (13%)
- Blue (36%)



- Red (70%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (81%)
- Yellow (48%)
- Black (30%)



- Cyan (30%)
- Magenta (87%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2225C 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 B2225C by changing the saturation by 10% instead.



 B2225C

 B2225C

FFFFFF

 940045

 EE5F8E

 77002F

 FF7BA8

 5A001A

 FF97C3

 410003

 FFB4DF

 1F0001

 FFD1FC

 000000

 FFEEFF

 B2225C

 B2225C

 B21051

 B23467

 B20048

 B24671

 B2577C

 B26987

 B27B91

 B28D9C

 B29FA6

 B2B0B1

 B2C2BC

# Harmonies

## Analogous

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



9C348C



B2225C



AE322D

# Triad

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



B2225C



3C6B00



006FB6

# Complementary

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



B2225C



22B278

# 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.



007493



B2225C



007130

# Square

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



B2225C



6F5E00



007463



0063C1

# Rectangle

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



B2225C



9F430B



007463



0071AC



# Sweetspot

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



B2225C



E8B0C7



7622B2



755361



F5F5F5



757575



# Same Dimension

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



B2225C



E80762



B22E22



595054



99003E



1A000A



# Inverse Universe

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



B2225C



E80762



22A6B2



595054



99003E



1A000A



# Previews

## White Background



This preview shows how the Hex color B2225C looks on a white background.

## Color Contrast Check

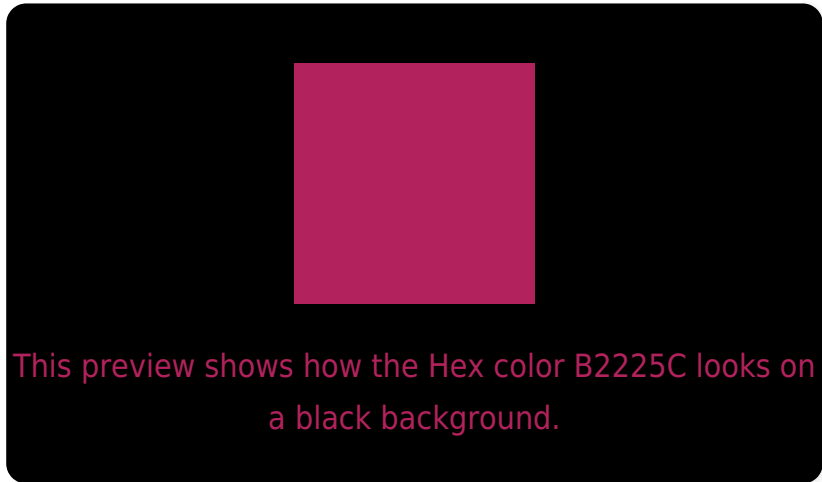
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2225C Background



This preview shows how black text looks on a background with the Hex color B2225C.



This preview shows how white text looks on a background with the Hex color B2225C.

# Color Blindness Simulation

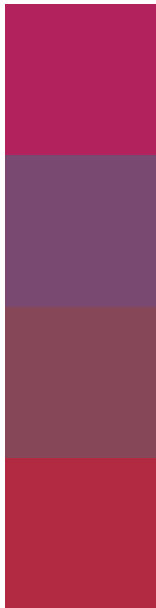
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B2225C

**Protanomaly**  
794972

**Deuteranomaly**  
864758

**Tritanomaly**  
B12A41

# Monochromacy



**Original Color**  
B2225C

**Achromatopsia**  
545454

**Achromatomaly**  
764257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2225C 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 #B2225C looks like.

```
.text, #text, p{  
    color:#B2225C  
}
```

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 #B2225C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2225C
}
```

## Border

The CSS property to change the border of an element to Hex B2225C is called "border". The border property can be set on classes, ids or directly on the HTML element.

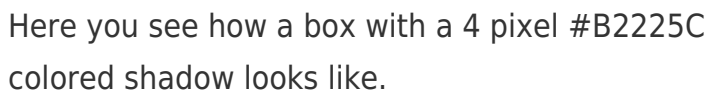
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2225C }
```

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

```
.border{ border-color:#B2225C }
```

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



Here you see how a box with a 4 pixel `#B2225C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2225C; -webkit-box-shadow:4px 4px  
4px 4px #B2225C; box-shadow:4px 4px 4px  
4px #B2225C }
```

# Background

The CSS property to change the background color of an element to Hex B2225C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2225C }
```

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

```
.background{ background-color:#B2225C }
```

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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