

Converting Colors

Hex(B7204F)

Have a look what the booklet for
Hex(B7204F) contains.

Hex(B7204F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7204F)

Conversions

Conversions Part 1

Format	Color
Hex	B7204F
RGB	183, 32, 79
RGB Percent	72%, 13%, 31%
CMY	0.2824, 0.8745, 0.6902
CMYK	0.00, 0.83, 0.57, 0.28
HSL	341°, 70%, 42%
HSV	341°, 83%, 72%
XYZ	21.4562, 11.6648, 8.5178
YIQ	82.5070, 74.9090, 46.6290

Conversions

Conversions Part 2

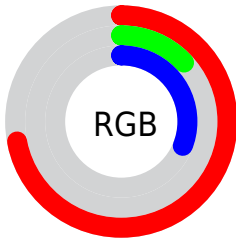
Format	Color
R_{YB}	183, 32, 79
Decimal	12001359
CIE _{Lab}	40.68, 60.14, 12.18
CIE _{LCh}	41, 61.363, 11.453
Yxy	11.6648, 0.5153, 0.2801
Android (android.graphics.Color)	4290191439 (0xFFB7204F)
YUV	82.5070, -1.7290, 88.1324
Hunter-Lab	34.1538, 52.3688, 9.1210

Details

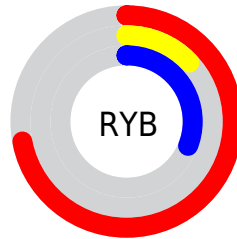
The Hex color **B7204F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **20B788**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F45E80**, and **7B0023** is the 20% darker color. If you saturate the color by 10%, you get **B70E42**, and if you desaturate by 10%, it is **B7325C**.

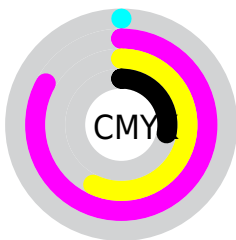
Distribution



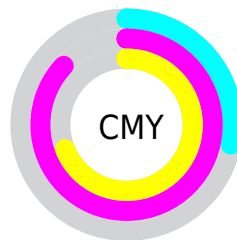
- Red (72%)
- Green (13%)
- Blue (31%)



- Red (72%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (57%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7204F 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 B7204F by changing the saturation by 10% instead.

 B7204F

 B7204F

FFFFFF

 990038

 F45E80

 7B0023

 FF7A9A

 5E000E

 FF97B4

 430003

 FFB3D0

 220001

 FFD0EC

 000000

 FFEEFF

 B7204F

 B7204F

 B70E42

 B7325C

 B70039

 B74568

 B75775

 B76981

 B77C8E

 B78E9B

 B7A0A7

 B7B2B4

 B7C5C0

Harmonies

Analogous

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



A82B81



B7204F



AC381F

Triad

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



B7204F



266E00



006ECO

Complementary

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



B7204F



20B788

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.



0075A2



B7204F



00743E

Square

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



B7204F



636400



007672



0060C4

Rectangle

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



B7204F



994A00



007672



0071B8

Sweetspot

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



B7204F



EDB2C4



8720B7



78545F



F7F7F7



787878

Same Dimension

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



B7204F



ED024B



B73C20



5C5355



9C0030



1C0009

Inverse Universe

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



B7204F



ED024B



209BB7



5C5355



9C0030



1C0009

Previews

White Background



This preview shows how the Hex color B7204F looks on a white background.

Color Contrast Check

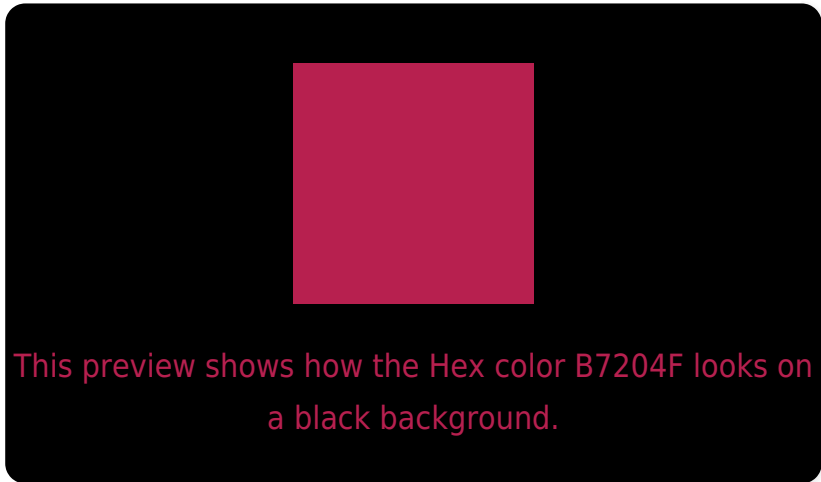
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7204F Background



This preview shows how black text looks on a background with the Hex color B7204F.

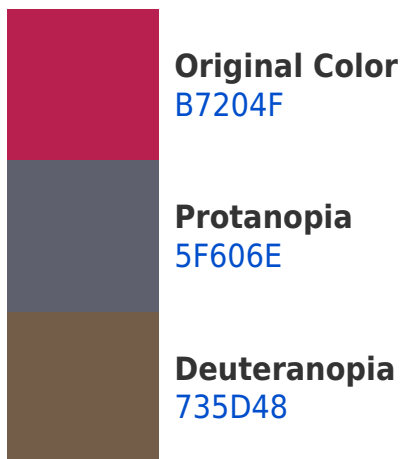


This preview shows how white text looks on a background with the Hex color B7204F.

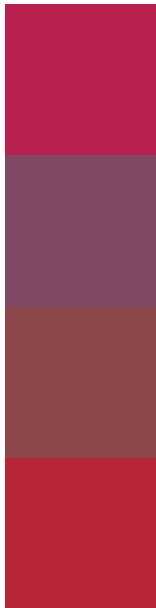
Color Blindness Simulation

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



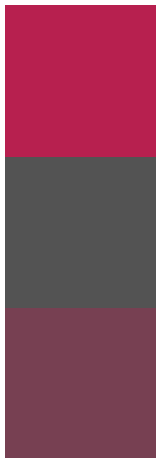
Original Color
B7204F

Protanomaly
7F4963

Deuteranomaly
8C474B

Tritanomaly
B62638

Monochromacy



Original Color
B7204F

Achromatopsia
535353

Achromatomaly
774052

CSS Examples

Text

The CSS property to change the color of the text to Hex B7204F 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 #B7204F looks like.

```
.text, #text, p{  
    color:#B7204F  
}
```

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 #B7204F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7204F
}
```

Border

The CSS property to change the border of an element to Hex B7204F is called "border". The border property can be set on classes, ids or directly on the HTML element.

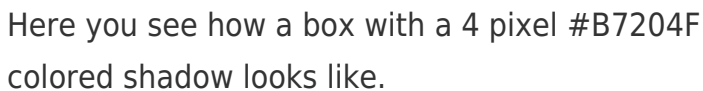
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7204F }
```

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

```
.border{ border-color:#B7204F }
```

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



Here you see how a box with a 4 pixel `#B7204F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7204F; -webkit-box-shadow:4px 4px  
4px 4px #B7204F; box-shadow:4px 4px 4px  
4px #B7204F }
```

Background

The CSS property to change the background color of an element to Hex B7204F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7204F }
```

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

```
.background{ background-color:#B7204F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor