

Converting Colors

Hex(B20721)

Have a look what the booklet for
Hex(B20721) contains.

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Color

Hex(B20721)

Conversions

Conversions Part 1

Format	Color
Hex	B20721
RGB	178, 7, 33
RGB Percent	70%, 3%, 13%
CMY	0.3020, 0.9725, 0.8706
CMYK	0.00, 0.96, 0.81, 0.30
HSL	351°, 92%, 36%
HSV	351°, 96%, 70%
XYZ	18.7106, 9.7267, 2.3301
YIQ	61.0930, 93.5700, 44.3380

Conversions

Conversions Part 2

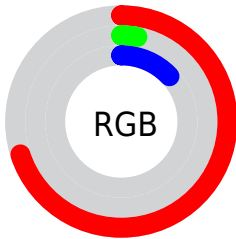
Format	Color
RYB	178, 7, 33
Decimal	11667233
CIELab	37.35, 60.92, 36.45
CIElCh	37, 70.989, 30.896
Yxy	9.7267, 0.6081, 0.3161
Android (android.graphics.Color)	4289857313 (0xFFB20721)
YUV	61.0930, -13.8498, 102.5274
Hunter-Lab	31.1877, 52.5098, 17.4017

Details

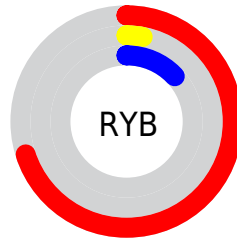
The Hex color **B20721** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **07B298**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F1524E**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B2001B**, and if you desaturate by 10%, it is **B21930**.

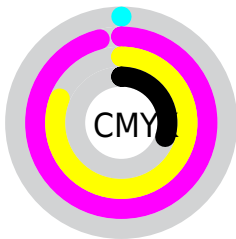
Distribution



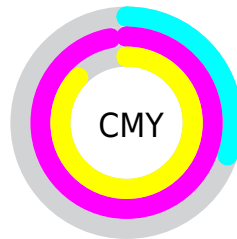
- Red (70%)
- Green (3%)
- Blue (13%)



- Red (70%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (81%)
- Black (30%)



- Cyan (30%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B20721 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 B20721 by changing the saturation by 10% instead.

 B20721

 B20721

FFFFFF

 93000C

 F1524E

 740000

 FF6E66

 550000

 FF8A7F

 390002

 FFA799

 100000

 FFC4B4

 000000

 FFE1D0

 FFFFEC

 B20721

 B20721

 B2001B

 B21930

 B22B3F

 B23C4E

 B24E5D

 B2606C

 B2727C

 B2848B

 B2959A

 B2A7A9

Harmonies

Analogous

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



B70059



B20721



963D00

Triad

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



B20721



006C19



0060CD

Complementary

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



B20721



07B298

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.



006BBD



B20721



006E58

Square

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



B20721



2E6500



006F92



4D47BC

Rectangle

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



B20721



7A4F00



006F92



0065CB

Sweetspot

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



B20721



E8A5AF



9607B2



754C52



F5F5F5



757575

Same Dimension

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



B20721



E80023



B24007



595052



990017



1A0004

Inverse Universe

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



B20721



E80023



0779B2



595052



990017



1A0004

Previews

White Background



This preview shows how the Hex color B20721 looks on a white background.

Color Contrast Check

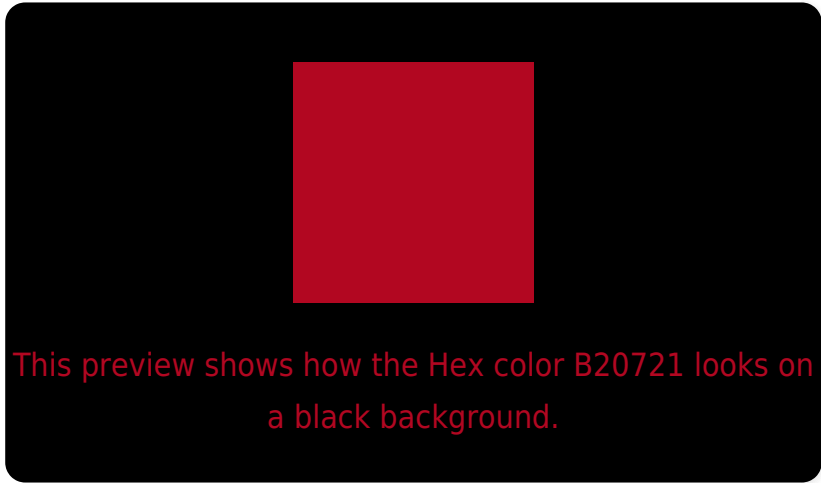
Large Text (above 18pt) WCAG AA ✓ Pass

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 B20721 Background



This preview shows how black text looks on a background with the Hex color B20721.

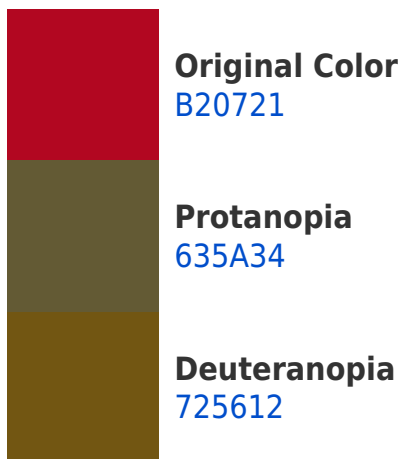


This preview shows how white text looks on a background with the Hex color B20721.

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
B20721

Protanomaly
803C2D

Deuteranomaly
893917

Tritanomaly
B20D0C

Monochromacy



Original Color
B20721

Achromatopsia
3D3D3D

Achromatomaly
682933

CSS Examples

Text

The CSS property to change the color of the text to Hex B20721 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 #B20721 looks like.

```
.text, #text, p{  
    color:#B20721  
}
```

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 #B20721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B20721
}
```

Border

The CSS property to change the border of an element to Hex B20721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

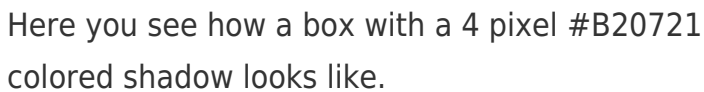
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B20721 }
```

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

```
.border{ border-color:#B20721 }
```

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



Here you see how a box with a 4 pixel #B20721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B20721; -webkit-box-shadow:4px 4px  
4px 4px #B20721; box-shadow:4px 4px 4px  
4px #B20721 }
```

Background

The CSS property to change the background color of an element to Hex B20721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B20721 }
```

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

```
.background{ background-color:#B20721 }
```

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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