

Converting Colors

Hex(B00621)

Have a look what the booklet for
Hex(B00621) contains.

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Color

Hex(B00621)

Conversions

Conversions Part 1

Format	Color
Hex	B00621
RGB	176, 6, 33
RGB Percent	69%, 2%, 13%
CMY	0.3098, 0.9765, 0.8706
CMYK	0.00, 0.97, 0.81, 0.31
HSL	350°, 93%, 36%
HSV	350°, 97%, 69%
XYZ	18.2441, 9.4702, 2.3052
YIQ	59.9080, 92.6530, 44.4370

Conversions

Conversions Part 2

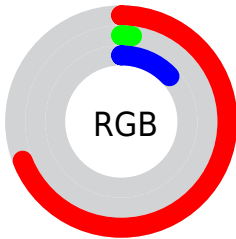
Format	Color
R_{YB}	176, 6, 33
Decimal	11535905
CIE _{Lab}	36.87, 60.52, 35.83
CIE _{LCh}	37, 70.332, 30.631
Yxy	9.4702, 0.6077, 0.3155
Android (android.graphics.Color)	4289725985 (0xFFB00621)
YUV	59.9080, -13.2656, 101.8127
Hunter-Lab	30.7736, 51.9698, 17.1002

Details

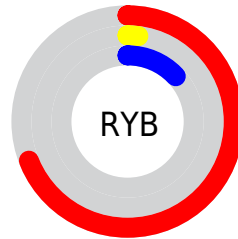
The Hex color **B00621** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **06B095**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **EF514E**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B0001C**, and if you desaturate by 10%, it is **B01830**.

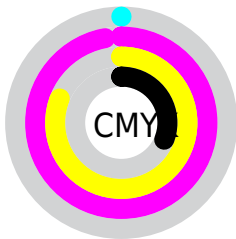
Distribution



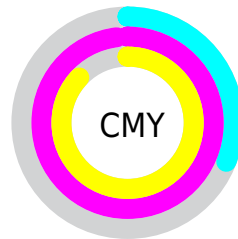
- Red (69%)
- Green (2%)
- Blue (13%)



- Red (69%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (97%)
- Yellow (81%)
- Black (31%)



- Cyan (31%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color B00621 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 B00621 by changing the saturation by 10% instead.

 B00621

 B00621

FFFFFF

 91000C

 EF514E

 720000

 FF6D66

 530001

 FF8A7F

 370002

 FFA699

 0A0000

 FFC3B4

 000000

 FFE0D0

 FFFEEC

 B00621

 B00621

 B0001C

 B01830

 B0293F

 B03B4D

 B04C5C

 B05E6B

 B0707A

 B08189

 B09397

 B0A4A6

Harmonies

Analogous

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



B40058



B00621



953C00

Triad

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



B00621



006A17



005FCA

Complementary

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



B00621



06B095

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.



006ABA



B00621



006D56

Square

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



B00621



2F6300



006E90



4B47BA

Rectangle

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



B00621



794E00



006E90



0064C8

Sweetspot

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



B00621



E6A3AE



9406B0



734B51



F2F2F2



737373

Same Dimension

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



B00621



E60024



B03F06



595052



990018



1A0004

Inverse Universe

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



B00621



E60024



0677B0



595052



990018



1A0004

Previews

White Background



This preview shows how the Hex color B00621 looks on a white background.

Color Contrast Check

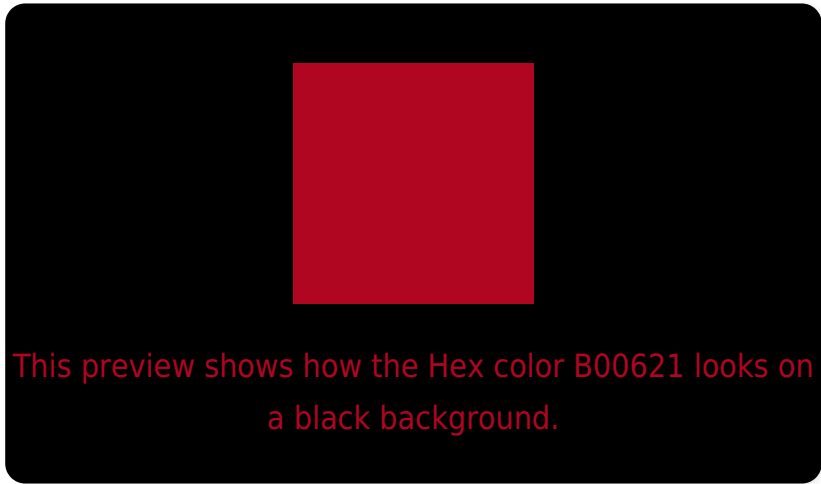
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00621 Background



This preview shows how black text looks on a background with the Hex color B00621.



This preview shows how white text looks on a background with the Hex color B00621.

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



Original Color
B00621

Protanopia
625934

Deuteranopia
705512



Tritanopia
B00F00

Trichromacy



Original Color
B00621

Protanomaly
7E3B2D

Deuteranomaly
873817

Tritanomaly
B00C0C

Monochromacy



Original Color
B00621

Achromatopsia
3C3C3C

Achromatomaly
662832

CSS Examples

Text

The CSS property to change the color of the text to Hex B00621 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 #B00621 looks like.

```
.text, #text, p{  
    color:#B00621  
}
```

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 #B00621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00621
}
```

Border

The CSS property to change the border of an element to Hex B00621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

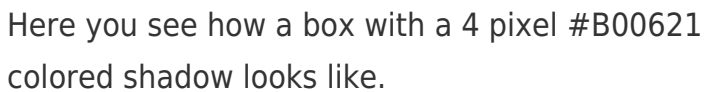
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B00621 }
```

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

```
.border{ border-color:#B00621 }
```

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



Here you see how a box with a 4 pixel #B00621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00621; -webkit-box-shadow:4px 4px  
4px 4px #B00621; box-shadow:4px 4px 4px  
4px #B00621 }
```

Background

The CSS property to change the background color of an element to Hex B00621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00621 }
```

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

```
.background{ background-color:#B00621 }
```

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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