

Converting Colors

Hex(B21663)

Have a look what the booklet for
Hex(B21663) contains.

Hex(B21663)	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(B21663)

Conversions

Conversions Part 1

Format	Color
Hex	B21663
RGB	178, 22, 99
RGB Percent	70%, 9%, 39%
CMY	0.3020, 0.9137, 0.6118
CMYK	0.00, 0.88, 0.44, 0.30
HSL	330°, 78%, 39%
HSV	330°, 88%, 70%
XYZ	20.8991, 10.9396, 12.8144
YIQ	77.4220, 68.2590, 57.0190

Conversions

Conversions Part 2

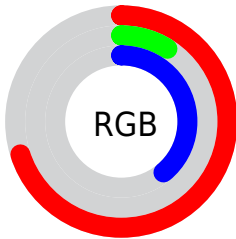
Format	Color
R_{YB}	178, 22, 99
Decimal	11671139
CIE Lab	39.48, 62.65, -2.36
CIE LCh	39, 62.699, 357.844
Yxy	10.9396, 0.4680, 0.2450
Android (android.graphics.Color)	4289861219 (0xFFB21663)
YUV	77.4220, 10.6380, 88.2069
Hunter-Lab	33.0751, 54.9070, 0.1816

Details

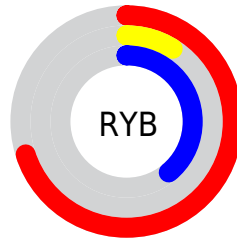
The Hex color **B21663** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **16B265**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EE5996**, and **770035** is the 20% darker color. If you saturate the color by 10%, you get **B2045A**, and if you desaturate by 10%, it is **B2286C**.

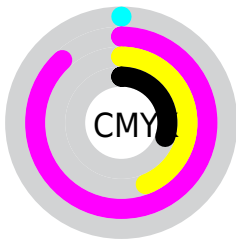
Distribution



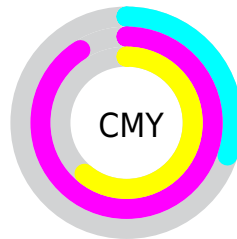
- Red (70%)
- Green (9%)
- Blue (39%)



- Red (70%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (88%)
- Yellow (44%)
- Black (30%)



- Cyan (30%)
- Magenta (91%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21663 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 B21663 by changing the saturation by 10% instead.

 B21663

 B21663

FFFFFF

 94004B

 EE5996

 770035

 FF75B0

 5A0020

 FF92CC

 410007

 FFAEE8

 1F0001

 FFCBFF

 000000

 FFE9FF

 B21663

 B21663

 B2045A

 B2286C

 B20058

 B23A75

 B24B7E

 B25D87

 B26F90

 B28199

 B293A2

 B2A4AB

 B2B6B4

Harmonies

Analogous

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



953394



B21663



B12531

Triad

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



B21663



426800



006FB4

Complementary

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



B21663



16B265

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.



00738C



B21663



006F21

Square

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



B21663



755A00



007258



0065C4

Rectangle

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



B21663



A43A0E



007258



0071A8

Sweetspot

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



B21663



E8ACC9



6416B2



755163



F5F5F5



757575

Same Dimension

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



B21663



E80073



B21616



595055



99004C



1A000D

Inverse Universe

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



B21663



E80073



16B2B2



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color B21663 looks on a white background.

Color Contrast Check

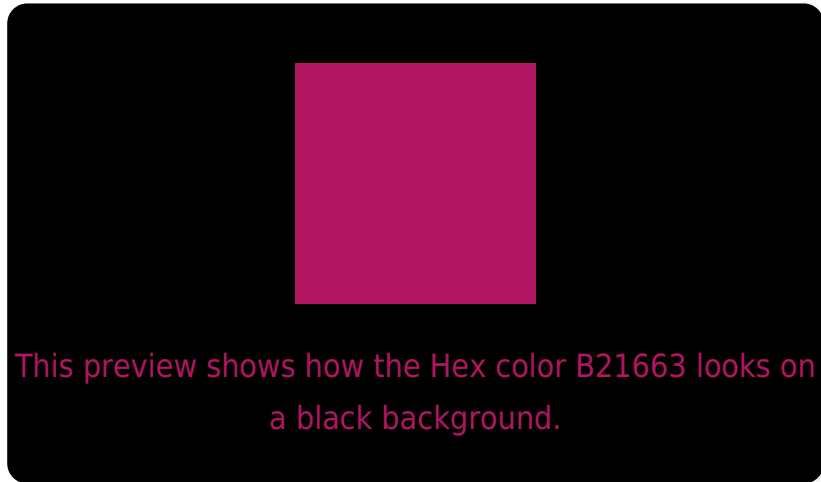
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21663 Background



This preview shows how black text looks on a background with the Hex color B21663.



This preview shows how white text looks on a background with the Hex color B21663.

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



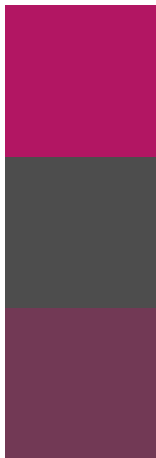
Original Color
B21663

Protanomaly
73437C

Deuteranomaly
84425F

Tritanomaly
B02341

Monochromacy



Original Color
B21663

Achromatopsia
4D4D4D

Achromatomaly
723955

CSS Examples

Text

The CSS property to change the color of the text to Hex B21663 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 #B21663 looks like.

```
.text, #text, p{  
    color:#B21663  
}
```

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 #B21663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21663
}
```

Border

The CSS property to change the border of an element to Hex B21663 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
#B21663 }
```

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

```
.border{ border-color:#B21663 }
```

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

Here you see how a box with a 4 pixel #B21663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21663; -webkit-box-shadow:4px 4px  
4px 4px #B21663; box-shadow:4px 4px 4px  
4px #B21663 }
```

Background

The CSS property to change the background color of an element to Hex B21663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21663 }
```

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

```
.background{ background-color:#B21663 }
```

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