

Converting Colors

Hex(B6215A)

Have a look what the booklet for
Hex(B6215A) contains.

Hex(B6215A)	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(B6215A)

Conversions

Conversions Part 1

Format	Color
Hex	B6215A
RGB	182, 33, 90
RGB Percent	71%, 13%, 35%
CMY	0.2863, 0.8706, 0.6471
CMYK	0.00, 0.82, 0.51, 0.29
HSL	337°, 69%, 42%
HSV	337°, 82%, 71%
XYZ	21.6807, 11.7710, 10.8022
YIQ	84.0490, 70.5070, 49.3150

Conversions

Conversions Part 2

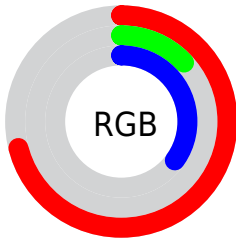
Format	Color
R_{YB}	182, 33, 90
Decimal	11936090
CIE _{Lab}	40.85, 60.46, 5.43
CIE _{LCh}	41, 60.704, 5.132
Yxy	11.7710, 0.4899, 0.2660
Android (android.graphics.Color)	4290126170 (0xFFB6215A)
YUV	84.0490, 2.9338, 85.9030
Hunter-Lab	34.3089, 52.7586, 5.3487

Details

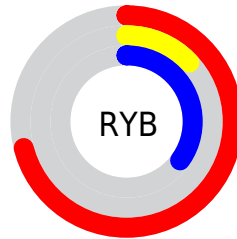
The Hex color **B6215A** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **21B67D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F35F8C**, and **7B002D** is the 20% darker color. If you saturate the color by 10%, you get **B60F4F**, and if you desaturate by 10%, it is **B63365**.

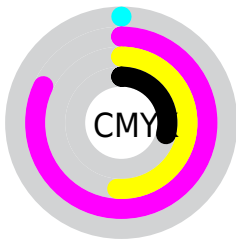
Distribution



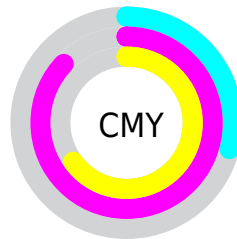
- Red (71%)
- Green (13%)
- Blue (35%)



- Red (71%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (82%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6215A 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 B6215A by changing the saturation by 10% instead.

 B6215A

 B6215A

FFFFFF

 980043

 F35F8C

 7B002D

 FF7BA6

 5E0019

 FF97C1

 430003

 FFB4DD

 230001

 FFD1F9

 000000

 FFEEFF

 B6215A

 B6215A

 B60F4F

 B63365

 B60046

 B64570

 B6587C

 B66A87

 B67C92

 B68E9D

 B6A0A9

 B6B3B4

 B6C5BF

Harmonies

Analogous

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



A1328B



B6215A



B0332A

Triad

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



B6215A



386D00



0070BB

Complementary

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



B6215A



21B67D

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.



007599



B6215A



007333

Square

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



B6215A



6E6100



007668



0064C5

Rectangle

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



B6215A



A04505



007668



0073B2

Sweetspot

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



B6215A



EDB2C9



7D21B6



785462



F7F7F7



787878

Same Dimension

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



B6215A



ED055E



B63221



5C5356



9C003C



1C000B

Inverse Universe

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



B6215A



ED055E



21A5B6



5C5356



9C003C



1C000B

Previews

White Background



This preview shows how the Hex color B6215A looks on a white background.

Color Contrast Check

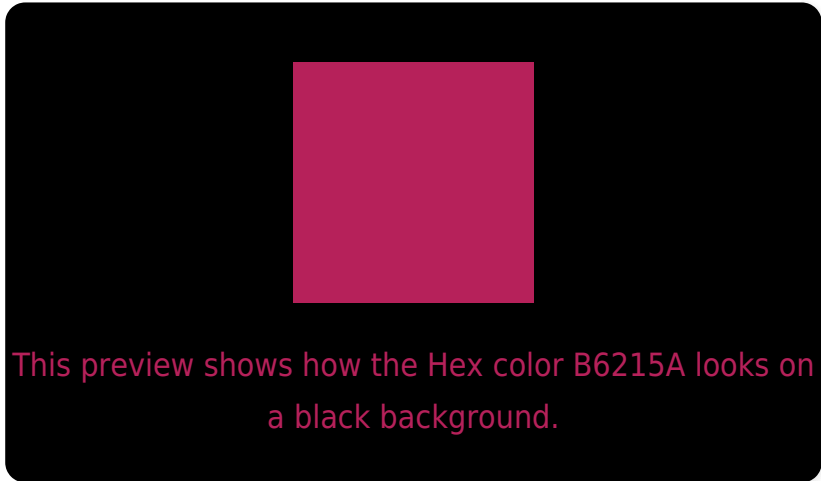
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6215A Background



This preview shows how black text looks on a background with the Hex color B6215A.



This preview shows how white text looks on a background with the Hex color B6215A.

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
B6215A

Protanopia
5B617C

Deuteranopia
705E53



Tritanopia
B42E2F

Trichromacy



Original Color
B6215A

Protanomaly
7C4A70

Deuteranomaly
894856

Tritanomaly
B5293F

Monochromacy



Original Color
B6215A

Achromatopsia
545454

Achromatomaly
784156

CSS Examples

Text

The CSS property to change the color of the text to Hex B6215A 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 #B6215A looks like.

```
.text, #text, p{  
    color:#B6215A  
}
```

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 #B6215A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6215A
}
```

Border

The CSS property to change the border of an element to Hex B6215A 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".

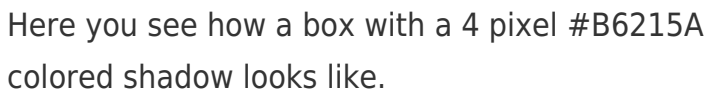
```
.border, #border, table{ border:4px solid
#B6215A }
```

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

```
.border{ border-color:#B6215A }
```

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

Here you see how a box with a 4 pixel #B6215A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6215A; -webkit-box-shadow:4px 4px  
4px 4px #B6215A; box-shadow:4px 4px 4px  
4px #B6215A }
```

Background

The CSS property to change the background color of an element to Hex B6215A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6215A }
```

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

```
.background{ background-color:#B6215A }
```

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