

Converting Colors

Hex(BE22AC)

Have a look what the booklet for
Hex(BE22AC) contains.

Hex(BE22AC)	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(BE22AC)

Conversions

Conversions Part 1

Format	Color
Hex	BE22AC
RGB	190, 34, 172
RGB Percent	75%, 13%, 67%
CMY	0.2549, 0.8667, 0.3255
CMYK	0.00, 0.82, 0.09, 0.25
HSL	307°, 70%, 44%
HSV	307°, 82%, 75%
XYZ	29.2536, 15.0698, 40.3966
YIQ	96.3760, 48.6780, 75.9900

Conversions

Conversions Part 2

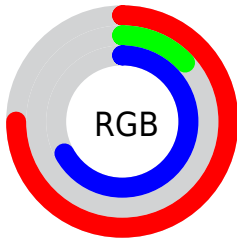
Format	Color
R_{YB}	190, 34, 172
Decimal	12460716
CIE _{Lab}	45.73, 71.51, -37.28
CIE _{LCh}	46, 80.644, 332.465
Yxy	15.0698, 0.3453, 0.1779
Android (android.graphics.Color)	4290650796 (0xFFBE22AC)
YUV	96.3760, 37.2826, 82.1082
Hunter-Lab	38.8198, 66.5785, -34.5245

Details

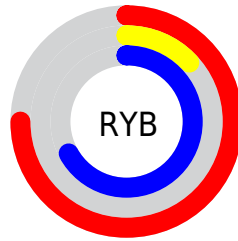
The Hex color **BE22AC** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **22BE34**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FA64E4**, and **840077** is the 20% darker color. If you saturate the color by 10%, you get **BE0FAA**, and if you desaturate by 10%, it is **BE35AE**.

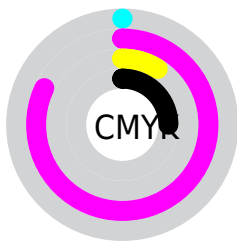
Distribution



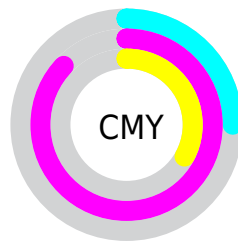
- Red (75%)
- Green (13%)
- Blue (67%)



- Red (75%)
- Yellow (13%)
- Blue (67%)



- Cyan (0%)
- Magenta (82%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE22AC 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 BE22AC by changing the saturation by 10% instead.

 BE22AC

 BE22AC

FFFFFF

 A10091

 FA64E4

 840077

 FF81FF

 68005E

 FF9EFF

 4C0046

 FFBBFF

 32002F

 FFD9FF

 0B0019

 FFF7FF

 000000

 BE22AC

 BE22AC

 BE0FAA

 BE35AE

 BE00A8

 BE48B0

 BE5BB3

 BE6EB5

 BE81B7

 BE94B9

 BEA7BB

 BEBABE

 BECDC0

Harmonies

Analogous

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



6857E0



BE22AC



DD006A

Triad

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



BE22AC



806C00



0088B4

Complementary

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



BE22AC



22BE34

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.



008770



BE22AC



367C00

Square

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



BE22AC



B44F00



008427



0083E5

Rectangle

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



BE22AC



DC003E



008427



00889E

Sweetspot

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



BE22AC



F7BAF0



3222BE



7D5779



FCFCFC



7D7D7D

Same Dimension

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



BE22AC



F702DB



BE2260



5E555D



9E008C



1F001B

Inverse Universe

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



BE22AC



F702DB



22BE80



5E555D



9E008C



1F001B

Previews

White Background



This preview shows how the Hex color BE22AC 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

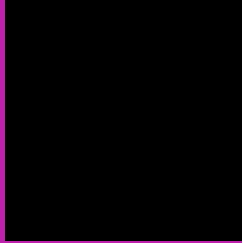
Any Text WCAG AA × Fail

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 BE22AC Background



This preview shows how black text looks on a background with the Hex color BE22AC.

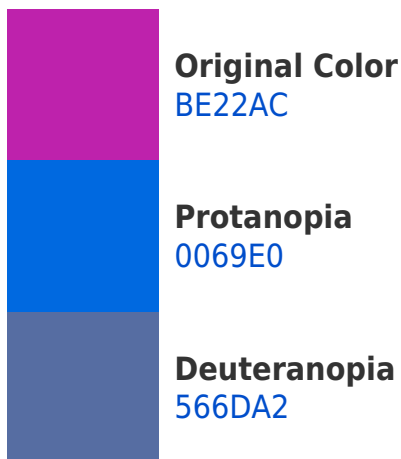



This preview shows how white text looks on a background with the Hex color BE22AC.

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
B5494E

Trichromacy



Original Color
BE22AC



Protanomaly
454FCD



Deuteranomaly
7C52A6



Tritanomaly
B83B70

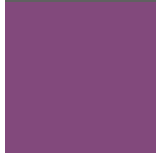
Monochromacy



Original Color
BE22AC



Achromatopsia
606060



Achromatomaly
82497C

CSS Examples

Text

The CSS property to change the color of the text to Hex BE22AC 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 #BE22AC looks like.

```
.text, #text, p{  
    color:#BE22AC  
}
```

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 #BE22AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE22AC
}
```

Border

The CSS property to change the border of an element to Hex BE22AC 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
#BE22AC }
```

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

```
.border{ border-color:#BE22AC }
```

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

Here you see how a box with a 4 pixel #BE22AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE22AC; -webkit-box-shadow:4px 4px  
4px 4px #BE22AC; box-shadow:4px 4px 4px  
4px #BE22AC }
```

Background

The CSS property to change the background color of an element to Hex BE22AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE22AC }
```

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

```
.background{ background-color:#BE22AC }
```

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