

# Converting Colors

Hex(BE2270)

Have a look what the booklet for  
Hex(BE2270) contains.

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# Color

**Hex(BE2270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE2270
RGB	190, 34, 112
RGB Percent	75%, 13%, 44%
CMY	0.2549, 0.8667, 0.5608
CMYK	0.00, 0.82, 0.41, 0.25
HSL	330°, 70%, 44%
HSV	330°, 82%, 75%
XYZ	24.7319, 13.2611, 16.5854
YIQ	89.5360, 67.9380, 57.3300

# Conversions

## Conversions Part 2

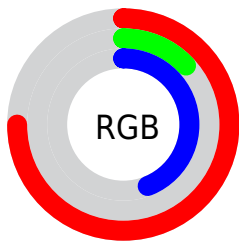
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 34, 112
Decimal	12460656
CIE <sub>Lab</sub>	43.15, 64.24, -4.82
CIE <sub>LCh</sub>	43, 64.416, 355.707
Yxy	13.2611, 0.4531, 0.2430
Android (android.graphics.Color)	4290650736 (0xFFBE2270)
YUV	89.5360, 11.0748, 88.1069
Hunter-Lab	36.4157, 57.5013, -1.5123

# Details

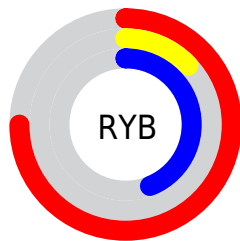
The Hex color **BE2270** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **22BE70**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FB62A4**, and **830040** is the 20% darker color. If you saturate the color by 10%, you get **BE0F67**, and if you desaturate by 10%, it is **BE357A**.

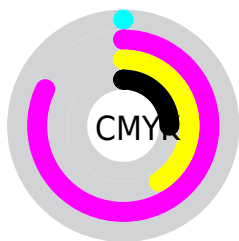
# Distribution



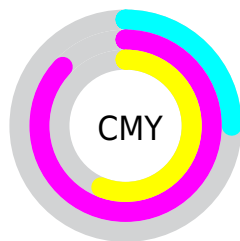
- Red (75%)
- Green (13%)
- Blue (44%)



- Red (75%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (82%)
- Yellow (41%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2270 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 BE2270 by changing the saturation by 10% instead.



 BE2270

 BE2270

FFFFFF

 A00058

 FB62A4

 830040

 FF7EBF

 66002B

 FF9BDA

 4A0016

 FFB8F7

 2E0002

 FFD5FF

 000000

 FFF2FF

 BE2270

 BE2270

 BE0F67

 BE357A

 BE005F

 BE4883

 BE5B8D

 BE6E96

 BE81A0

 BE94A9

 BEA7B3

 BEBABC

 BECDC6

# Harmonies

## Analogous

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



9D3EA3



BE2270



C02C3B

# Triad

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



BE2270



4F7000



0079BE

# Complementary

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



BE2270



22BE70

# 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.



007D93



BE2270



007923

# Square

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



BE2270



826100



007C5C



006FD1

# Rectangle

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



BE2270



B34019



007C5C



007BB2



# Sweetspot

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



BE2270



F7BAD8



7022BE



7D576A



FCFCFC



7D7D7D



# Same Dimension

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



BE2270



F7027D



BE2222



5E555A



9E004F



1F000F



# Inverse Universe

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



BE2270



F7027D



22BEBE



5E555A



9E004F



1F000F



# Previews

## White Background



This preview shows how the Hex color BE2270 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 BE2270 Background



This preview shows how black text looks on a background with the Hex color BE2270.



This preview shows how white text looks on a background with the Hex color BE2270.

# 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



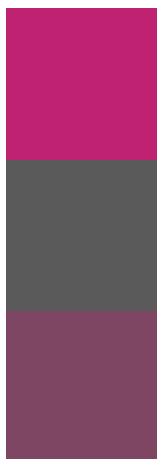
**Original Color**  
BE2270

**Protanomaly**  
7B4D8B

**Deuteranomaly**  
8C4C6B

**Tritanomaly**  
BC2E4C

# Monochromacy



**Original Color**  
BE2270

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
7E4662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2270 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 #BE2270 looks like.

```
.text, #text, p{  
    color:#BE2270  
}
```

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 #BE2270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2270
}
```

## Border

The CSS property to change the border of an element to Hex BE2270 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
#BE2270 }
```

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

```
.border{ border-color:#BE2270 }
```

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

Here you see how a box with a 4 pixel #BE2270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2270; -webkit-box-shadow:4px 4px  
4px 4px #BE2270; box-shadow:4px 4px 4px  
4px #BE2270 }
```

# Background

The CSS property to change the background color of an element to Hex BE2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2270 }
```

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

```
.background{ background-color:#BE2270 }
```

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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