

# Converting Colors

Hex(BE2E74)

Have a look what the booklet for  
Hex(BE2E74) contains.

<b>Hex(BE2E74)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BE2E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE2E74
RGB	190, 46, 116
RGB Percent	75%, 18%, 45%
CMY	0.2549, 0.8196, 0.5451
CMYK	0.00, 0.76, 0.39, 0.25
HSL	331°, 61%, 46%
HSV	331°, 76%, 75%
XYZ	25.3646, 14.1621, 17.9197
YIQ	97.0360, 63.3540, 52.2980

# Conversions

## Conversions Part 2

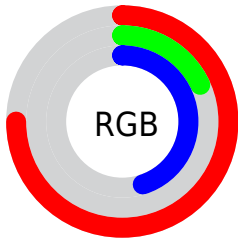
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	190, 46, 116
Decimal	12463732
CIE <sub>Lab</sub>	44.46, 61.29, -5.35
CIE <sub>LCh</sub>	44, 61.520, 355.008
Y <sub>xy</sub>	14.1621, 0.4415, 0.2465
Android (android.graphics.Color)	4290653812 (0xFFBE2E74)
YUV	97.0360, 9.3493, 81.5294
Hunter-Lab	37.6326, 54.4532, -1.8896

# Details

The Hex color **BE2E74** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **2EBE78**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FA69A8**, and **830044** is the 20% darker color. If you saturate the color by 10%, you get **BE1B6A**, and if you desaturate by 10%, it is **BE417E**.

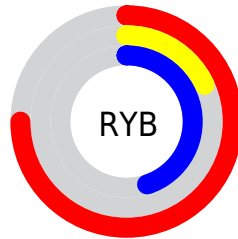
# Distribution



Red (75%)

Green (18%)

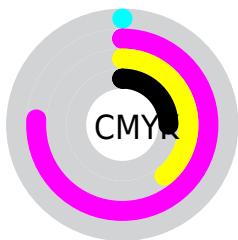
Blue (45%)



Red (75%)

Yellow (18%)

Blue (45%)

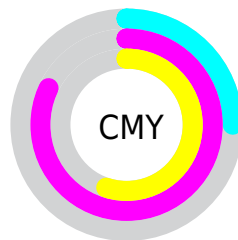


Cyan (0%)

Magenta (76%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (82%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2E74 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 BE2E74 by changing the saturation by 10% instead.



 BE2E74

 BE2E74

FFFFFF

 A1005B

 FA69A8

 830044

 FF86C3

 67002E

 FFA2DF

 4B001A

 FFBFFC

 300002

 FFDCCF

 000000

 FFF9FF

 BE2E74

 BE2E74

 BE1B6A

 BE417E

 BE0860

 BE5488

 BE005C

 BE6791

 BE7A9B

 BE8DA5

 BEA0AF

 BEB3B8

 BEC6C2

 BED9CC

# Harmonies

## Analogous

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



9D45A5



BE2E74



C03541

# Triad

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



BE2E74



567300



007CBD

# Complementary

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



BE2E74



2EBE78

# 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.



008093



BE2E74



007B29

# Square

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



BE2E74



876400



007F5F



0072D0

# Rectangle

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



BE2E74



B54521



007F5F



007EB1



# Sweetspot

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



BE2E74



F7BEDA



762EBE



7D5A6B



FCFCFC



7D7D7D



# Same Dimension

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



BE2E74



F71684



BE2E2E



5E555A



9E004D



1F000F



# Inverse Universe

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



BE2E74



F71684



2EBEBE



5E555A



9E004D



1F000F



# Previews

## White Background



This preview shows how the Hex color BE2E74 looks on a white background.

## Color Contrast Check

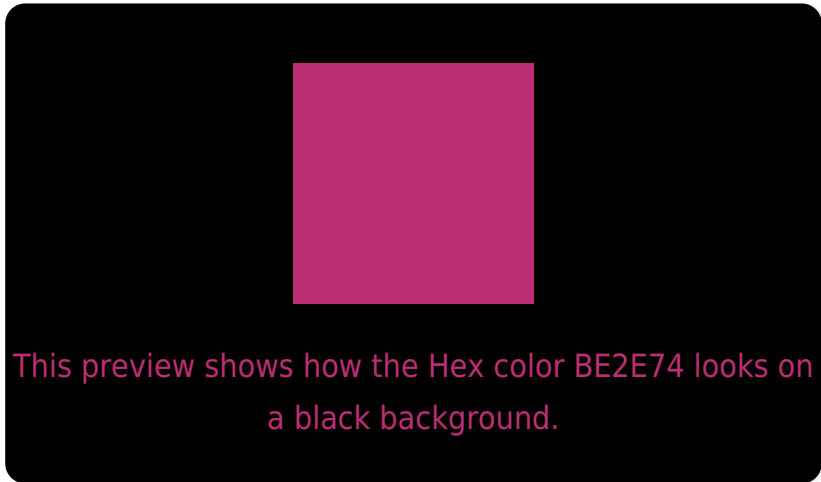
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE2E74 Background



This preview shows how black text looks on a background with the Hex color BE2E74.



This preview shows how white text looks on a background with the Hex color BE2E74.

# 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](#).

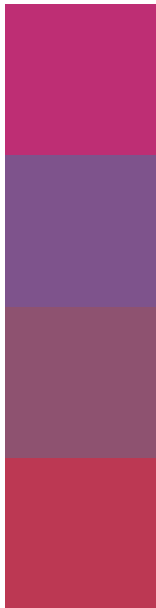
## Dichromacy





**Tritanopia**  
BB3D40

# Trichromacy



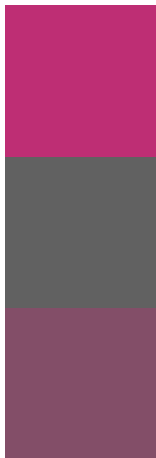
**Original Color**  
BE2E74

**Protanomaly**  
7E538C

**Deuteranomaly**  
8E5270

**Tritanomaly**  
BC3853

# Monochromacy



**Original Color**  
BE2E74

**Achromatopsia**  
616161

**Achromatomaly**  
834E68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2E74 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 #BE2E74 looks like.

```
.text, #text, p{  
    color:#BE2E74  
}
```

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 #BE2E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2E74
}
```

## Border

The CSS property to change the border of an element to Hex BE2E74 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
#BE2E74 }
```

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

```
.border{ border-color:#BE2E74 }
```

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

Here you see how a box with a 4 pixel #BE2E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2E74; -webkit-box-shadow:4px 4px  
4px 4px #BE2E74; box-shadow:4px 4px 4px  
4px #BE2E74 }
```

# Background

The CSS property to change the background color of an element to Hex BE2E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2E74 }
```

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

```
.background{ background-color:#BE2E74 }
```

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