

# Converting Colors

Hex(BA1261)

Have a look what the booklet for  
Hex(BA1261) contains.

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**Color**

**Hex(BA1261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA1261
RGB	186, 18, 97
RGB Percent	73%, 7%, 38%
CMY	0.2706, 0.9294, 0.6196
CMYK	0.00, 0.90, 0.48, 0.27
HSL	332°, 82%, 40%
HSV	332°, 90%, 73%
XYZ	22.6237, 11.7348, 12.3819
YIQ	77.2380, 74.7690, 60.1850

# Conversions

## Conversions Part 2

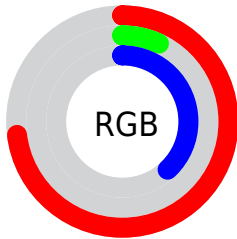
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 18, 97
Decimal	12194401
CIE Lab	40.79, 65.08, 1.02
CIE LCh	41, 65.086, 0.898
Yxy	11.7348, 0.4840, 0.2511
Android (android.graphics.Color)	4290384481 (0xFFBA1261)
YUV	77.2380, 9.7427, 95.3843
Hunter-Lab	34.2561, 57.9383, 2.5488

# Details

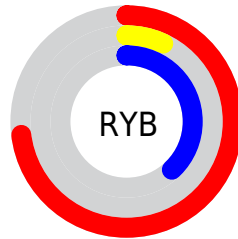
The Hex color **BA1261** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **12BA6B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F75993**, and **7E0033** is the 20% darker color. If you saturate the color by 10%, you get **BA0057**, and if you desaturate by 10%, it is **BA256B**.

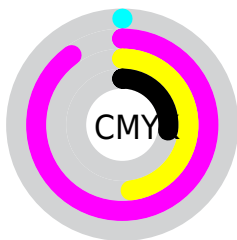
# Distribution



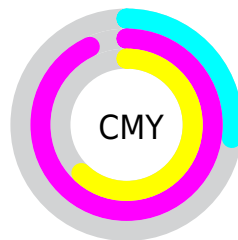
- Red (73%)
- Green (7%)
- Blue (38%)



- Red (73%)
- Yellow (7%)
- Blue (38%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1261 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 BA1261 by changing the saturation by 10% instead.



 BA1261

 BA1261

FFFFFF

 9C0049

 F75993

 7E0033

 FF76AE

 61001E

 FF92C9

 470004

 FFAFE5

 270001

 FFC0FF

 000000

 FFEAFF

 BA1261

 BA1261

 BA0057

 BA256B

 BA3775

 BA4A7F

 BA5C88

 BA6F92

 BA829C

 BA94A6

 BAA7B0

 BAB9BA

# Harmonies

## Analogous

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



9F3195



BA1261



B7282D

# Triad

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



BA1261



3D6C00



0072BE

# Complementary

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



BA1261



12BA6B

# 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.



007796



BA1261



007327

# Square

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



BA1261



745F00



007760



0067CC

# Rectangle

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



BA1261



A73E04



007760



0075B3



# Sweetspot

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



BA1261



F2B1D0



6912BA



7A5366



FAFAFA



7A7A7A



# Same Dimension

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



BA1261



F20072



BA1512



5C5357



9C0049



1C000D



# Inverse Universe

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



BA1261



F20072



12B7BA



5C5357



9C0049



1C000D



# Previews

## White Background



This preview shows how the Hex color BA1261 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 BA1261 Background



This preview shows how black text looks on a background with the Hex color BA1261.

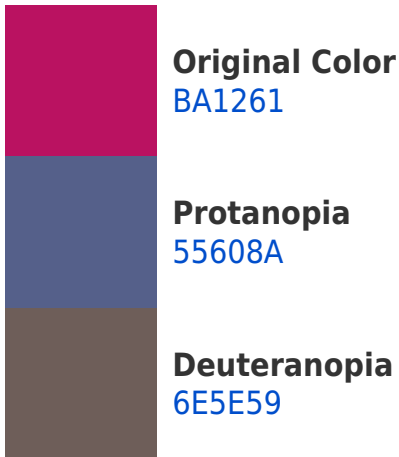


This preview shows how white text looks on a background with the Hex color BA1261.

# 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**  
BA1261



**Protanomaly**  
7A447B



**Deuteranomaly**  
8A425C

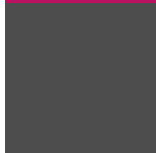


**Tritanomaly**  
B8213E

# Monochromacy



**Original Color**  
BA1261



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
753854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1261 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 #BA1261 looks like.

```
.text, #text, p{  
    color:#BA1261  
}
```

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 #BA1261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1261
}
```

## Border

The CSS property to change the border of an element to Hex BA1261 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
#BA1261 }
```

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

```
.border{ border-color:#BA1261 }
```

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

Here you see how a box with a 4 pixel #BA1261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1261; -webkit-box-shadow:4px 4px  
4px 4px #BA1261; box-shadow:4px 4px 4px  
4px #BA1261 }
```

# Background

The CSS property to change the background color of an element to Hex BA1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1261 }
```

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

```
.background{ background-color:#BA1261 }
```

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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