

# Converting Colors

Hex(BD0556)

Have a look what the booklet for  
Hex(BD0556) contains.

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# Color

**Hex(BD0556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD0556
RGB	189, 5, 86
RGB Percent	74%, 2%, 34%
CMY	0.2588, 0.9804, 0.6627
CMYK	0.00, 0.97, 0.54, 0.26
HSL	334°, 95%, 38%
HSV	334°, 97%, 74%
XYZ	22.7203, 11.5992, 9.8455
YIQ	69.2500, 83.6630, 64.1990

# Conversions

## Conversions Part 2

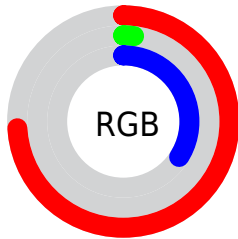
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	189, 5, 86
Decimal	12387670
CIE <sub>Lab</sub>	40.57, 66.46, 7.77
CIE <sub>LCh</sub>	41, 66.917, 6.668
Yxy	11.5992, 0.5144, 0.2626
Android (android.graphics.Color)	4290577750 (0xFFBD0556)
YUV	69.2500, 8.2577, 105.0208
Hunter-Lab	34.0577, 59.4785, 6.7006

# Details

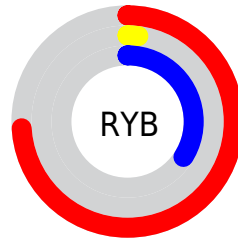
The Hex color **BD0556** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **05BD6C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FB5587**, and **80002A** is the 20% darker color. If you saturate the color by 10%, you get **BD0053**, and if you desaturate by 10%, it is **BD1861**.

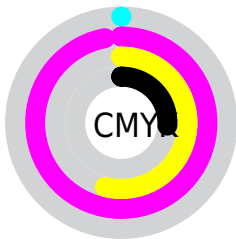
# Distribution



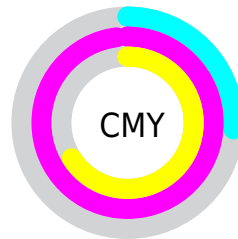
- Red (74%)
- Green (2%)
- Blue (34%)



- Red (74%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (97%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0556 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 BD0556 by changing the saturation by 10% instead.



 BD0556

 BD0556

FFFFFF

 9F003F

 FB5587

 80002A

 FF72A1

 630016

 FF8FBC

 470003

 FFACD8

 270001

 FFCAF4

 000000

 FFE7FF

 BD0556

 BD0556

 BD0053

 BD1861

 BD2B6B

 BD3E76

 BD5180

 BD648B

 BD7695

 BD89A0

 BD9CAB

 BDAFB5

# Harmonies

## Analogous

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



A8258C



BD0556



B42B21

# Triad

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



BD0556



2C6E00



0071C5

# Complementary

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



BD0556



05BD6C

# 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.



0076A0



BD0556



007431

# Square

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



BD0556



6A6100



00776B



0063CE

# Rectangle

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



BD0556



A24200



00776B



0073BB



# Sweetspot

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



BD0556



F5AECD



6A05BD



7A5062



FAFafa



7A7A7A



# Same Dimension

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



BD0556



F5006C



BD0E05



5E5559



9E0046



1F000D



# Inverse Universe

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



BD0556



F5006C



05B4BD



5E5559



9E0046



1F000D



# Previews

## White Background



This preview shows how the Hex color BD0556 looks on a white background.

## Color Contrast Check

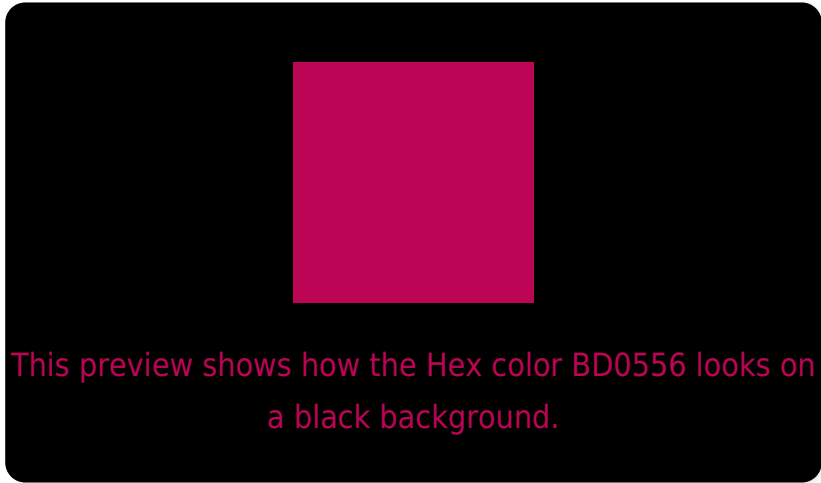
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0556 Background



This preview shows how black text looks on a background with the Hex color BD0556.

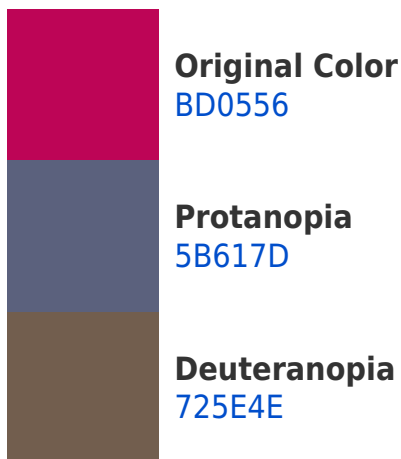


This preview shows how white text looks on a background with the Hex color BD0556.

# 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**  
BD0556



**Protanomaly**  
7F406F



**Deuteranomaly**  
8D3E51



**Tritanomaly**  
BC1735

# Monochromacy



**Original Color**  
BD0556



**Achromatopsia**  
454545



**Achromatomaly**  
712E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0556 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 #BD0556 looks like.

```
.text, #text, p{  
    color:#BD0556  
}
```

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 #BD0556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0556
}
```

## Border

The CSS property to change the border of an element to Hex BD0556 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
#BD0556 }
```

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

```
.border{ border-color:#BD0556 }
```

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

Here you see how a box with a 4 pixel #BD0556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0556; -webkit-box-shadow:4px 4px  
4px 4px #BD0556; box-shadow:4px 4px 4px  
4px #BD0556 }
```

# Background

The CSS property to change the background color of an element to Hex BD0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0556 }
```

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

```
.background{ background-color:#BD0556 }
```

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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