

# Converting Colors

Decimal(11871870)

Have a look what the booklet for  
Decimal(11871870) contains.

<b>Decimal(11871870)</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**

**Decimal(11871870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5267E
RGB	181, 38, 126
RGB Percent	71%, 15%, 49%
CMY	0.2902, 0.8510, 0.5059
CMYK	0.00, 0.79, 0.30, 0.29
HSL	323°, 65%, 43%
HSV	323°, 79%, 71%
XYZ	23.5151, 12.7163, 20.9538
YIQ	90.7890, 56.9800, 57.6840

# Conversions

## Conversions Part 2

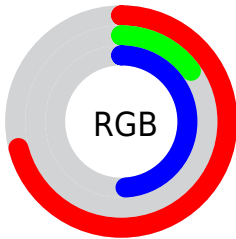
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 38, 126
Decimal	11871870
CIE <sub>Lab</sub>	42.33, 62.45, -14.90
CIE <sub>LCh</sub>	42, 64.204, 346.585
Yxy	12.7163, 0.4112, 0.2224
Android (android.graphics.Color)	4290061950 (0xFFB5267E)
YUV	90.7890, 17.3590, 79.1150
Hunter-Lab	35.6600, 55.3023, -9.8768

# Details

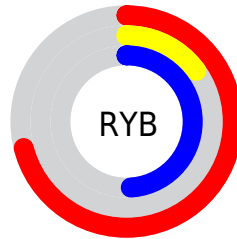
The Decimal color **11871870** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2536797**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **15819699**, and **8061005** is the 20% darker color. If you saturate the color by 10%, you get **11867255**, and if you desaturate by 10%, it is **11876485**.

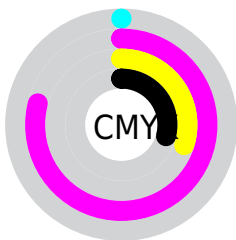
# Distribution



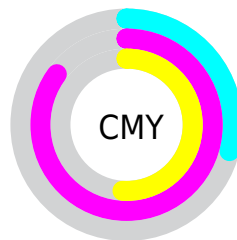
- Red (71%)
- Green (15%)
- Blue (49%)



- Red (71%)
- Yellow (15%)
- Blue (49%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11871870 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 Decimal color 11871870 by changing the saturation by 10% instead.



 11871870

 11871870

16777215

 9961573

 15819699

 8061005

 16744398

 6225974

 16751851

 4522017

 16759039

 2752517

 16766463

 0

 16774143

 11871870

 11871870

 11867255

 11876485

■ 11862640

■ 11881100

■ 11862127

■ 11885715

■ 11890330

■ 11895201

■ 11899816

■ 11904431

■ 11909046

■ 11913661

# Harmonies

## Analogous

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



8996526



11871870



12526153

# Triad

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



11871870



6187520



31152

# Complementary

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



11871870



2536797

# 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.



31617



11871870



881932

# Square

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



11871870



9263360



31049



29132

# Rectangle

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



11871870



12006695



31049



31394



# Sweetspot

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



11871870



15446741



6104757



7689064



16119285



7697781



# Same Dimension

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



11871870



15404181



11871799



5853270



10027102



1703952



# Inverse Universe

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



11871870



15404181



2536868



5853270



10027102



1703952



# Previews

## White Background



This preview shows how the Decimal color 11871870 looks on a white background.

## Color Contrast Check

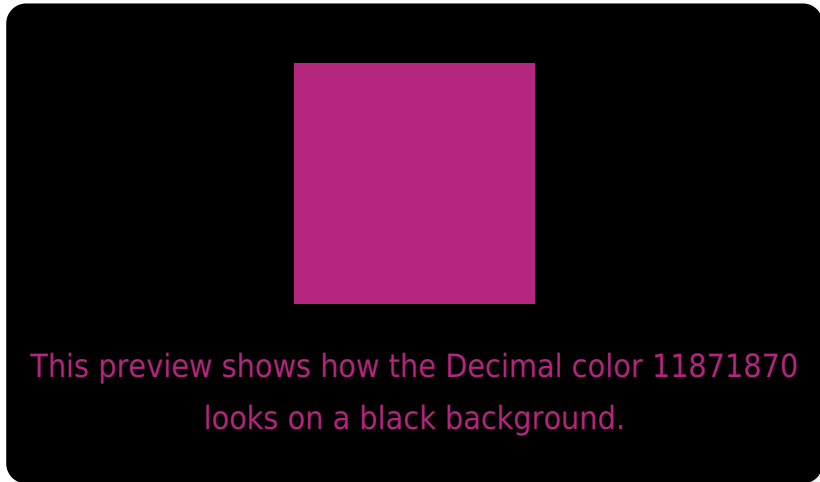
Large Text (above 18pt) WCAG AA ✓ Pass

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

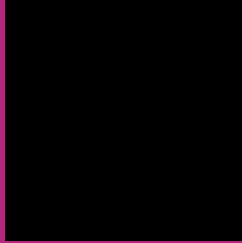
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11871870 Background



This preview shows how black text looks on a background with the Decimal color 11871870.



This preview shows how white text looks on a background with the Decimal color 11871870.

# 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



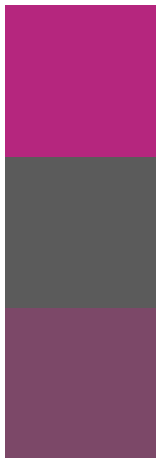
**Original Color**  
11871870

**Protanomaly**  
7294362

**Deuteranomaly**  
8605049

**Tritanomaly**  
11678549

# Monochromacy



**Original Color**  
11871870

**Achromatopsia**  
5987163

**Achromatomaly**  
8145000

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11871870 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 #B5267E looks like.

```
.text, #text, p{  
    color:#B5267E  
}
```

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 #B5267E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5267E
}
```

## Border

The CSS property to change the border of an element to Decimal 11871870 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".

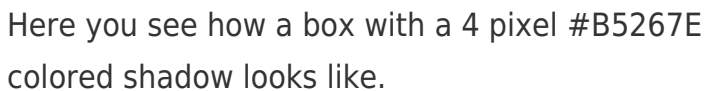
```
.border, #border, table{ border:4px solid
#B5267E }
```

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

```
.border{ border-color:#B5267E }
```

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

Here you see how a box with a 4 pixel #B5267E colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5267E; -webkit-box-shadow:4px 4px  
4px 4px #B5267E; box-shadow:4px 4px 4px  
4px #B5267E }
```

# Background

The CSS property to change the background color of an element to Decimal 11871870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5267E }
```

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

```
.background{ background-color:#B5267E }
```

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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