

# Converting Colors

Decimal(11406697)

Have a look what the booklet for  
Decimal(11406697) contains.

<b>Decimal(11406697)</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(11406697)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE0D69
RGB	174, 13, 105
RGB Percent	68%, 5%, 41%
CMY	0.3176, 0.9490, 0.5882
CMYK	0.00, 0.93, 0.40, 0.32
HSL	326°, 86%, 37%
HSV	326°, 93%, 68%
XYZ	20.1493, 10.3064, 14.2920
YIQ	71.6270, 66.4240, 62.7440

# Conversions

## Conversions Part 2

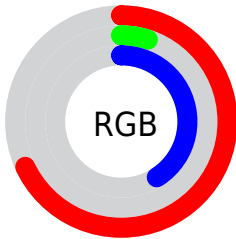
Format	Color
<a href="#">RYB</a>	<a href="#">174, 13, 105</a>
Decimal	<a href="#">11406697</a>
CIELab	<a href="#">38.39, 63.71, -7.87</a>
CIELCh	<a href="#">38, 64.191, 352.956</a>
Yxy	<a href="#">10.3064, 0.4503, 0.2303</a>
Android (android.graphics.Color)	<a href="#">4289596777</a> (0xFFAE0D69)
YUV	<a href="#">71.6270, 16.4529, 89.7811</a>
Hunter-Lab	<a href="#">32.1036, 55.8510, -3.9223</a>

# Details

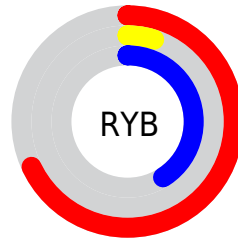
The Decimal color **11406697** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **896594**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **15357340**, and **7602234** is the 20% darker color. If you saturate the color by 10%, you get **11403363**, and if you desaturate by 10%, it is **11411056**.

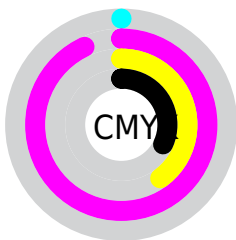
# Distribution



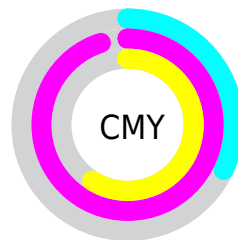
- Red (68%)
- Green (5%)
- Blue (41%)



- Red (68%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (93%)
- Yellow (40%)
- Black (32%)



- Cyan (32%)
- Magenta (95%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11406697 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 11406697 by changing the saturation by 10% instead.



 11406697

 11406697

16777215

 9502801

 15357340

 7602234

 16741047

 5701668

 16748243

 3997711

 16755695

 1769473

 16763135

 0


 16770559

 11406697

 11406697

 11403363

 11411056


 11415672

 11420031

 11424647

 11429006

 11433366

 11437981

 11442341

 11446956

# Harmonies

## Analogous

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



9122970



11406697



11671350

# Triad

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



11406697



4743936



28334

# Complementary

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



11406697



896594

# 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.



28802



11406697



27665

# Square

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



11406697



7951360



28492



26051

# Rectangle

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



11406697



10891283



28492



28577



# Sweetspot

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



11406697



14918600



5246382



7556194



15921906



7566195



# Same Dimension

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



11406697



14876802



11406618



5721683



9830486



1507341



# Inverse Universe

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



11406697



14876802



896673



5721683



9830486



1507341



# Previews

## White Background



This preview shows how the Decimal color 11406697 looks on a white background.

## Color Contrast Check

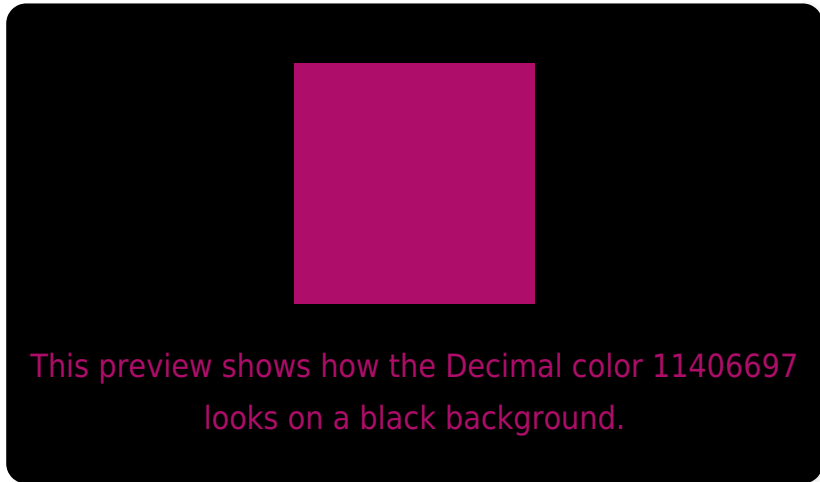
Large Text (above 18pt) WCAG AA ✓ Pass

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 11406697 Background



This preview shows how black text looks on a background with the Decimal color 11406697.



This preview shows how white text looks on a background with the Decimal color 11406697.

# 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



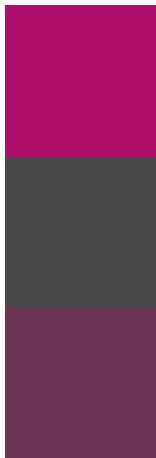
**Original Color**  
11406697

**Protanomaly**  
7028358

**Deuteranomaly**  
8273509

**Tritanomaly**  
11214914

# Monochromacy



**Original Color**  
11406697

**Achromatopsia**  
4737096

**Achromatomaly**  
7156564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11406697 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 #AE0D69 looks like.

```
.text, #text, p{  
    color:#AE0D69  
}
```

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 #AE0D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0D69
}
```

## Border

The CSS property to change the border of an element to Decimal 11406697 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
#AE0D69 }
```

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

```
.border{ border-color:#AE0D69 }
```

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

Here you see how a box with a 4 pixel #AE0D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0D69; -webkit-box-shadow:4px 4px  
4px 4px #AE0D69; box-shadow:4px 4px 4px  
4px #AE0D69 }
```

# Background

The CSS property to change the background color of an element to Decimal 11406697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0D69 }
```

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

```
.background{ background-color:#AE0D69 }
```

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