

# Converting Colors

Decimal(11346774)

Have a look what the booklet for  
Decimal(11346774) contains.

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# Color

**Decimal(11346774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD2356
RGB	173, 35, 86
RGB Percent	68%, 14%, 34%
CMY	0.3216, 0.8627, 0.6627
CMYK	0.00, 0.80, 0.50, 0.32
HSL	338°, 66%, 41%
HSV	338°, 80%, 68%
XYZ	19.5143, 10.7582, 9.8521
YIQ	82.0760, 65.8770, 45.1170

# Conversions

## Conversions Part 2

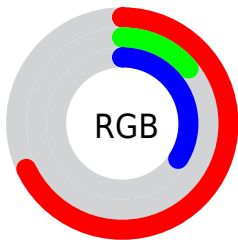
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 35, 86
Decimal	11346774
CIE Lab	39.17, 57.17, 5.33
CIE LCh	39, 57.414, 5.329
Yxy	10.7582, 0.4863, 0.2681
Android (android.graphics.Color)	4289536854 (0xFFAD2356)
YUV	82.0760, 1.9345, 79.7403
Hunter-Lab	32.7997, 48.8000, 5.1507

# Details

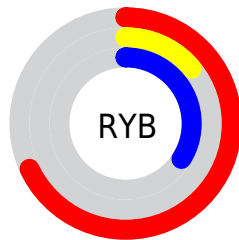
The Decimal color **11346774** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2338170**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **15294343**, and **7536681** is the 20% darker color. If you saturate the color by 10%, you get **11342411**, and if you desaturate by 10%, it is **11351137**.

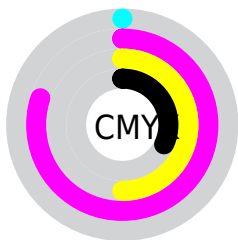
# Distribution



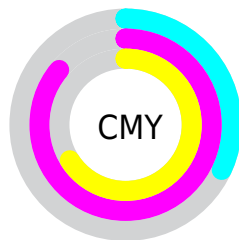
- Red (68%)
- Green (14%)
- Blue (34%)



- Red (68%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (50%)
- Black (32%)



- Cyan (32%)
- Magenta (86%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11346774 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 11346774 by changing the saturation by 10% instead.



 11346774

 11346774

16777215

 9437247

 15294343

 7536681

 16743074

 5636117

 16750269

 3932163

 16757720

 1507328

 16764917


 0

 16772607

 11346774

 11346774

 11342411

 11351137

■ 11337792

■ 11355756

■ 11360119

■ 11364482

■ 11369101

■ 11373463

■ 11377826

■ 11382189

■ 11386808

# Harmonies

## Analogous

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



10039940



11346774



10957609

# Triad

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



11346774



3631104



27569

# Complementary

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



11346774



2338170

# 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.



28817



11346774



28211

# Square

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



11346774



6905088



29028



24762

# Rectangle

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



11346774



9978631



29028



28329



# Sweetspot

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



11346774



14724030



7873453



7360604



15790320



7368816



# Same Dimension

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



11346774



14682457



11350819



5721681



9830456



1507336



# Inverse Universe

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



11346774



14682457



2334125



5721681



9830456



1507336



# Previews

## White Background



This preview shows how the Decimal color 11346774 looks on a white background.

## Color Contrast Check

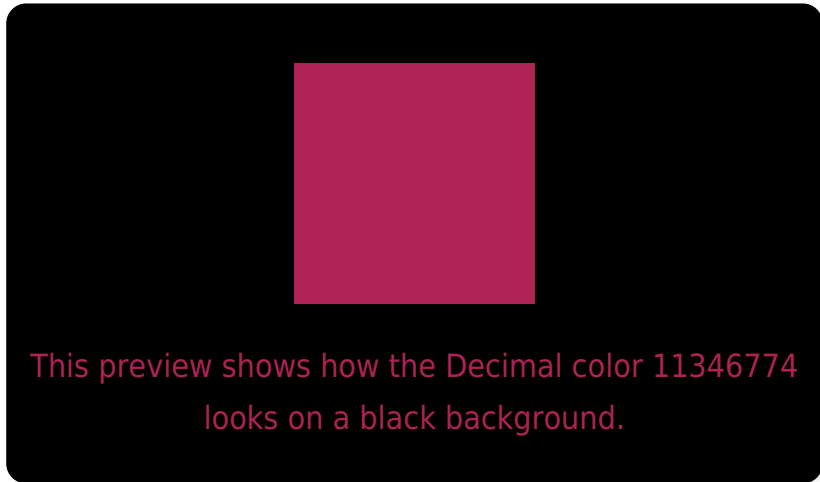
Large Text (above 18pt) WCAG AA ✓ Pass

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 11346774 Background



This preview shows how black text looks on a background with the Decimal color 11346774.



This preview shows how white text looks on a background with the Decimal color 11346774.

# 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**  
11218479

# Trichromacy



**Original Color**  
11346774

**Protanomaly**  
7817322

**Deuteranomaly**  
8603218

**Tritanomaly**  
11283005

# Monochromacy



**Original Color**  
11346774

**Achromatopsia**  
5395026

**Achromatomaly**  
7553363

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11346774 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 #AD2356 looks like.

```
.text, #text, p{  
  color:#AD2356  
}
```

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 #AD2356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD2356
}
```

## Border

The CSS property to change the border of an element to Decimal 11346774 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
#AD2356 }
```

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

```
.border{ border-color:#AD2356 }
```

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

Here you see how a box with a 4 pixel #AD2356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD2356; -webkit-box-shadow:4px 4px  
4px 4px #AD2356; box-shadow:4px 4px 4px  
4px #AD2356 }
```

# Background

The CSS property to change the background color of an element to Decimal 11346774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD2356 }
```

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

```
.background{ background-color:#AD2356 }
```

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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