

# Converting Colors

Decimal(12011640)

Have a look what the booklet for  
Decimal(12011640) contains.

<b>Decimal(12011640)</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(12011640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B74878
RGB	183, 72, 120
RGB Percent	72%, 28%, 47%
CMY	0.2824, 0.7176, 0.5294
CMYK	0.00, 0.61, 0.34, 0.28
HSL	334°, 44%, 50%
HSV	334°, 61%, 72%
XYZ	25.2360, 16.0581, 19.5387
YIQ	110.6610, 50.7480, 38.4600

# Conversions

## Conversions Part 2

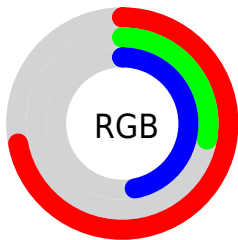
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 72, 120
Decimal	12011640
CIELab	47.05, 49.59, -4.10
CIElCh	47, 49.763, 355.273
Yxy	16.0581, 0.4148, 0.2640
Android (android.graphics.Color)	4290201720 (0xFFB74878)
YUV	110.6610, 4.6041, 63.4413
Hunter-Lab	40.0725, 42.2848, -0.8581

# Details

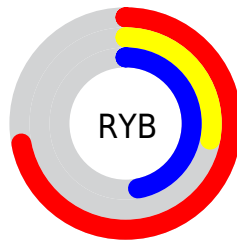
The Decimal color **12011640** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4765575**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **15892140**, and **8259912** is the 20% darker color. If you saturate the color by 10%, you get **12007022**, and if you desaturate by 10%, it is **12016258**.

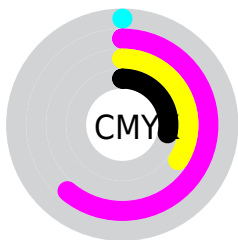
# Distribution



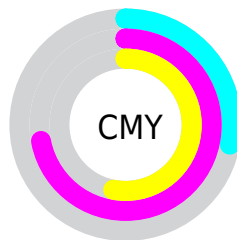
- Red (72%)
- Green (28%)
- Blue (47%)



- Red (72%)
- Yellow (28%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12011640 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 12011640 by changing the saturation by 10% instead.



 12011640

 12011640

16777215

 10103903

 15892140

 8259912

 16751047

 6488113

 16758244

 4653084

 16765439

 3145730

 16772863

 0

 12011640

 12011640

 12007022

 12016258

 12002147

 12021133

11997529

12025751

11993167

12030370

12035244

12039862

12044481

12049099

12053973

# Harmonies

## Analogous

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



10245536



12011640



12208974

# Triad

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



12011640



6453275



32692

# Complementary

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



12011640



4765575

# 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.



33682



12011640



2654013

# Square

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



12011640



9136914



33639



30403

# Rectangle

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



12011640



11621686



33639



33194



# Sweetspot

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



12011640



15581909



8865975



7888233



16250871



7895160



# Same Dimension

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



12011640



15548555



12013384



6050647



10223683



1835020



# Inverse Universe

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



12011640



15548555



4763831



6050647



10223683



1835020



# Previews

## White Background



This preview shows how the Decimal color 12011640 looks on a white background.

## Color Contrast Check

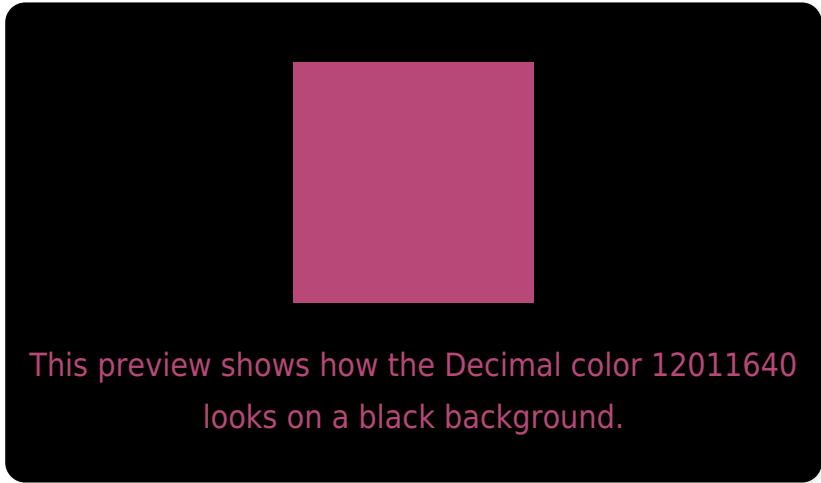
Large Text (above 18pt) WCAG AA ✓ Pass

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

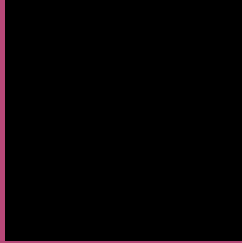
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12011640 Background



This preview shows how black text looks on a background with the Decimal color 12011640.



This preview shows how white text looks on a background with the Decimal color 12011640.

# 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



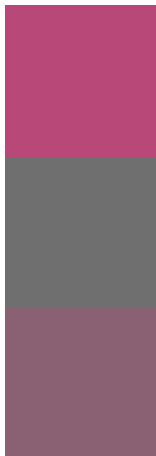
**Original Color**  
12011640

**Protanomaly**  
8675720

**Deuteranomaly**  
9461876

**Tritanomaly**  
11881826

# Monochromacy



**Original Color**  
12011640

**Achromatopsia**  
7303023

**Achromatomaly**  
9003378

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12011640 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 #B74878 looks like.

```
.text, #text, p{  
    color:#B74878  
}
```

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 #B74878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74878
}
```

## Border

The CSS property to change the border of an element to Decimal 12011640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

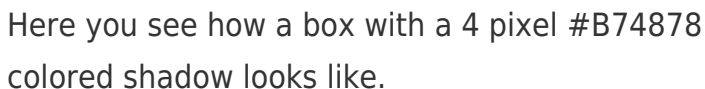
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B74878 }
```

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

```
.border{ border-color:#B74878 }
```

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



Here you see how a box with a 4 pixel #B74878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74878; -webkit-box-shadow:4px 4px  
4px 4px #B74878; box-shadow:4px 4px 4px  
4px #B74878 }
```

# Background

The CSS property to change the background color of an element to Decimal 12011640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74878 }
```

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

```
.background{ background-color:#B74878 }
```

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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