

# Converting Colors

Decimal(12333953)

Have a look what the booklet for  
Decimal(12333953) contains.

<b>Decimal(12333953)</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(12333953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC3381
RGB	188, 51, 129
RGB Percent	74%, 20%, 51%
CMY	0.2627, 0.8000, 0.4941
CMYK	0.00, 0.73, 0.31, 0.26
HSL	326°, 57%, 47%
HSV	326°, 73%, 74%
XYZ	25.8853, 14.6440, 22.2311
YIQ	100.8550, 56.6140, 53.3020

# Conversions

## Conversions Part 2

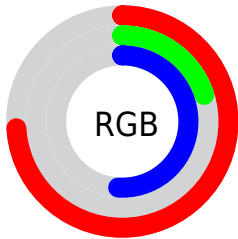
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 51, 129
Decimal	12333953
CIE <sub>Lab</sub>	45.14, 60.55, -12.35
CIE <sub>LCh</sub>	45, 61.798, 348.472
Yxy	14.6440, 0.4124, 0.2333
Android (android.graphics.Color)	4290524033 (0xFFBC3381)
YUV	100.8550, 13.8755, 76.4262
Hunter-Lab	38.2675, 53.7749, -7.6568

# Details

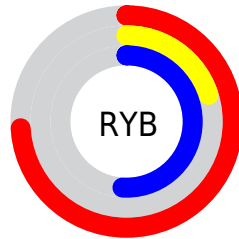
The Decimal color **12333953** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3390574**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16281014**, and **8519760** is the 20% darker color. If you saturate the color by 10%, you get **12329081**, and if you desaturate by 10%, it is **12338825**.

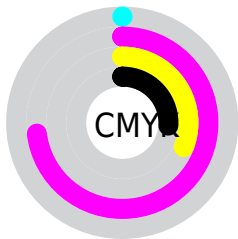
# Distribution



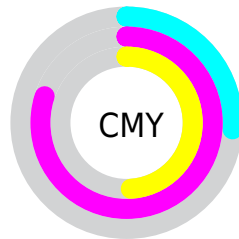
- Red (74%)
- Green (20%)
- Blue (51%)



- Red (74%)
- Yellow (20%)
- Blue (51%)



- Cyan (0%)
- Magenta (73%)
- Yellow (31%)
- Black (26%)



- Cyan (26%)
- Magenta (80%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12333953 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 12333953 by changing the saturation by 10% instead.



 12333953

 12333953

16777215

 10422888

 16281014

 8519760

 16746961

 6684729

 16754158

 4849699

 16761599

 3211275

 16769023

 0

 16776703

 12333953

 12333953

 12329081

 12338825

 12324209

 12343697

 12320875

 12348313

 12353185

 12358057

 12362930

 12367802

 12372418

 12377290

# Harmonies

## Analogous

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



9719216



12333953



12923470

# Triad

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



12333953



6517248



32696

# Complementary

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



12333953



3390574

# 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.



33418



12333953



1670174

# Square

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



12333953



9593088



32852



30673

# Rectangle

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



12333953



12337453



32852



33194



# Sweetspot

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



12333953



16105438



7091132



8018797



16448250



8026746



# Same Dimension

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



12333953



16064665



12333886



6182234



10354778



2031633



# Inverse Universe

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



12333953



16064665



3390641



6182234



10354778



2031633



# Previews

## White Background



This preview shows how the Decimal color 12333953 looks on a white background.

## Color Contrast Check

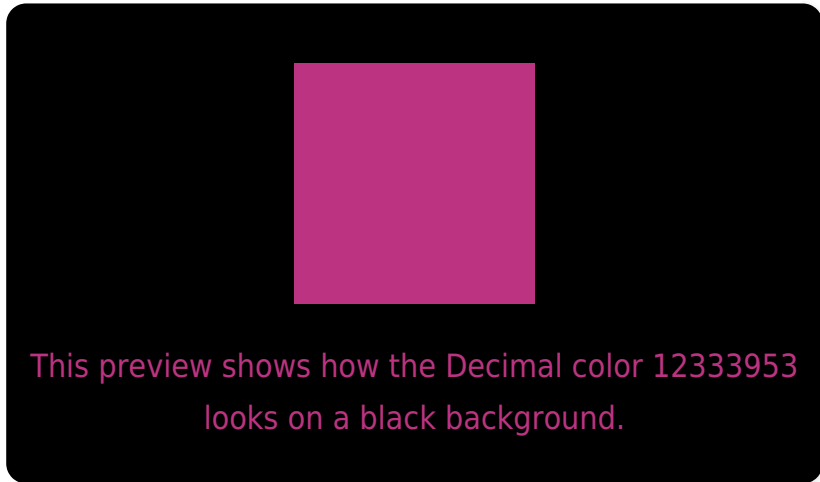
Large Text (above 18pt) WCAG AA ✓ Pass

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 12333953 Background



This preview shows how black text looks on a background with the Decimal color 12333953.



This preview shows how white text looks on a background with the Decimal color 12333953.

# Color Blindness Simulation

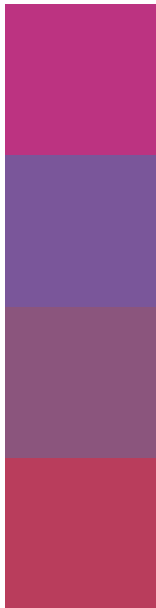
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



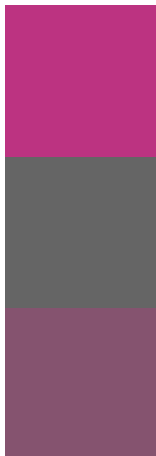
**Original Color**  
12333953

**Protanomaly**  
8017562

**Deuteranomaly**  
9131389

**Tritanomaly**  
12139868

# Monochromacy



**Original Color**  
12333953

**Achromatopsia**  
6645093

**Achromatomaly**  
8737647

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12333953 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 #BC3381 looks like.

```
.text, #text, p{  
    color:#BC3381  
}
```

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 #BC3381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC3381
}
```

## Border

The CSS property to change the border of an element to Decimal 12333953 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
#BC3381 }
```

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

```
.border{ border-color:#BC3381 }
```

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

Here you see how a box with a 4 pixel #BC3381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC3381; -webkit-box-shadow:4px 4px  
4px 4px #BC3381; box-shadow:4px 4px 4px  
4px #BC3381 }
```

# Background

The CSS property to change the background color of an element to Decimal 12333953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC3381 }
```

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

```
.background{ background-color:#BC3381 }
```

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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