

# Converting Colors

Decimal(12538007)

Have a look what the booklet for  
Decimal(12538007) contains.

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# Color

**Decimal(12538007)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BF5097                     |
| RGB           | 191, 80, 151               |
| RGB Percent   | 75%, 31%, 59%              |
| CMY           | 0.2510, 0.6863, 0.4078     |
| CMYK          | 0.00, 0.58, 0.21, 0.25     |
| HSL           | 322°, 46%, 53%             |
| HSV           | 322°, 58%, 75%             |
| XYZ           | 29.9404, 19.0481, 31.3768  |
| YIQ           | 121.2830, 43.3650, 45.6130 |

# Conversions

## Conversions Part 2

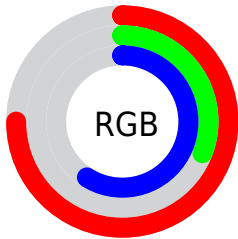
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 191, 80, 151                  |
| Decimal                             | 12538007                      |
| CIE <sub>Lab</sub>                  | 50.74, 52.52, -17.03          |
| CIE <sub>LCh</sub>                  | 51, 55.212, 342.036           |
| Yxy                                 | 19.0481, 0.3726,<br>0.2370    |
| Android<br>(android.graphics.Color) | 4290728087<br>(0xFFBF5097)    |
| YUV                                 | 121.2830, 14.6505,<br>61.1418 |
| Hunter-Lab                          | 43.6441, 46.0763,<br>-12.0741 |

# Details

The Decimal color **12538007** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5291896**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16418509**, and **8787300** is the 20% darker color. If you saturate the color by 10%, you get **12533136**, and if you desaturate by 10%, it is **12542878**.

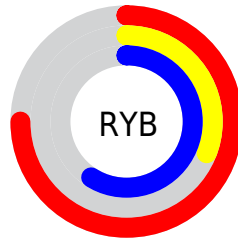
# Distribution



Red (75%)

Green (31%)

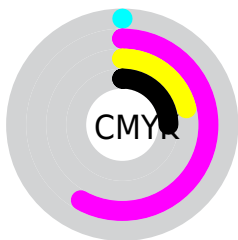
Blue (59%)



Red (75%)

Yellow (31%)

Blue (59%)

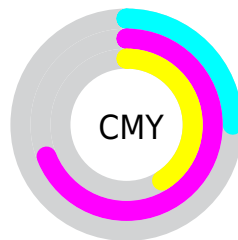


Cyan (0%)

Magenta (58%)

Yellow (21%)

Black (25%)



Cyan (25%)

Magenta (69%)


Yellow (41%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 12538007 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 12538007 by changing the saturation by 10% instead.




 12538007       12538007

16777215       10630269

 16418509       8787300

 16753386       7012428

 16760575       5242933

 16767999       3670048

 16775423       1638403

 0

 12538007       12538007

 12533136       12542878

 12528265

 12547749

 12523394

 12552620

 12518523

 12557491

 12517498

 12562617

 12567488

 12572359

 12577230

 12582101

# Harmonies

## Analogous

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



9659583



12538007



13519720

# Triad

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



12538007



8355081



36279

# Complementary

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



12538007



5291896

# 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.



36747



12538007



4884269

# Square

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



12538007



10972183



36186



34514

# Rectangle

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



12538007



13193802



36186



36522



# Sweetspot

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



12538007



16240104



7819455



8217716



16579836



8224125



# Same Dimension

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



12538007



16206521



12537953



6182235



10354789



2031636



# Inverse Universe

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



12538007



16206521



5291950



6182235



10354789



2031636



# Previews

## White Background



This preview shows how the Decimal color 12538007 looks on a white background.

## Color Contrast Check

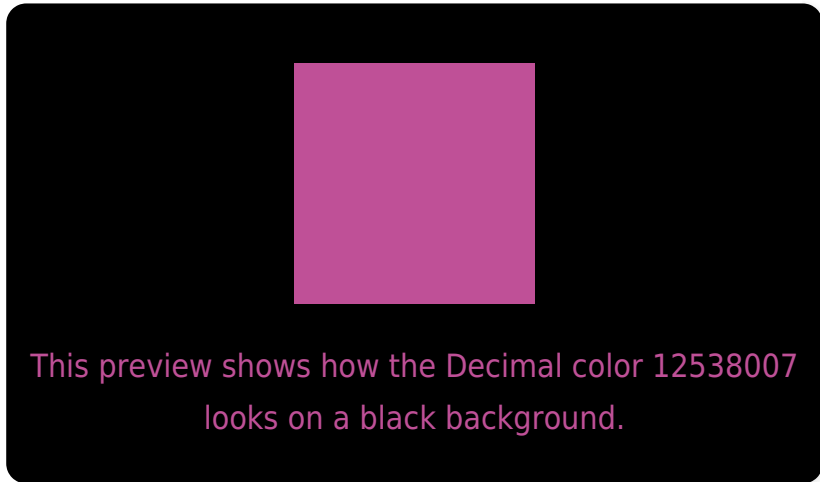
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Decimal 12538007 Background



This preview shows how black text looks on a background with the Decimal color 12538007.




This preview shows how white text looks on a background with the Decimal color 12538007.

# 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](#).

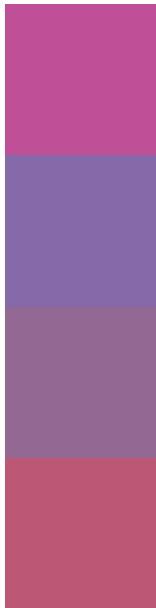
## Dichromacy





**Tritanopia**  
12213347

# Trichromacy



**Original Color**  
12538007

**Protanomaly**  
8808873

**Deuteranomaly**  
9660819

**Tritanomaly**  
12343414

# Monochromacy



**Original Color**  
12538007

**Achromatopsia**  
7960953

**Achromatomaly**  
9595524

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12538007 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 #BF5097 looks like.

```
.text, #text, p{  
    color:#BF5097  
}
```

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 #BF5097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5097
}
```

## Border

The CSS property to change the border of an element to Decimal 12538007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

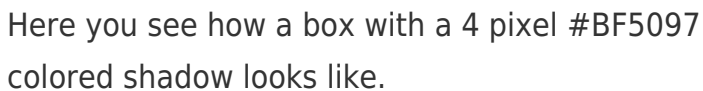
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF5097 }
```

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

```
.border{ border-color:#BF5097 }
```

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



Here you see how a box with a 4 pixel `#BF5097` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5097; -webkit-box-shadow:4px 4px  
4px 4px #BF5097; box-shadow:4px 4px 4px  
4px #BF5097 }
```

# Background

The CSS property to change the background color of an element to Decimal 12538007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5097 }
```

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

```
.background{ background-color:#BF5097 }
```

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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