

# Converting Colors

Decimal(12475263)

Have a look what the booklet for  
Decimal(12475263) contains.

<b>Decimal(12475263)</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(12475263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5B7F
RGB	190, 91, 127
RGB Percent	75%, 36%, 50%
CMY	0.2549, 0.6431, 0.5020
CMYK	0.00, 0.52, 0.33, 0.25
HSL	338°, 43%, 55%
HSV	338°, 52%, 75%
XYZ	28.8071, 19.9616, 22.4134
YIQ	124.7050, 47.4480, 32.1840

# Conversions

## Conversions Part 2

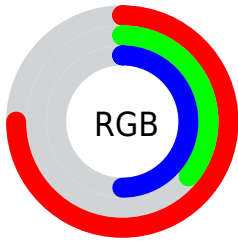
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 91, 127
Decimal	12475263
CIE Lab	51.79, 43.64, -1.20
CIE LCh	52, 43.661, 358.420
Yxy	19.9616, 0.4047, 0.2804
Android (android.graphics.Color)	4290665343 (0xFFBE5B7F)
YUV	124.7050, 1.1314, 57.2637
Hunter-Lab	44.6784, 36.9031, 1.5315

# Details

The Decimal color **12475263** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6012570**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16355508**, and **8726350** is the 20% darker color. If you saturate the color by 10%, you get **12470387**, and if you desaturate by 10%, it is **12480139**.

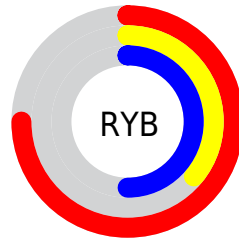
# Distribution



Red (75%)

Green (36%)

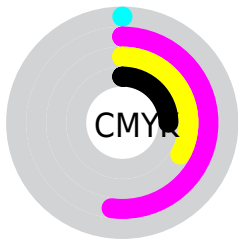
Blue (50%)



Red (75%)

Yellow (36%)

Blue (50%)

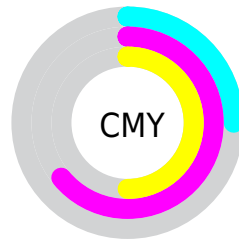


Cyan (0%)

Magenta (52%)

Yellow (33%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12475263 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 12475263 by changing the saturation by 10% instead.



 12475263

 12475263

16777215

 10568038

 16355508

 8726350

 16755919

 6948151

 16763115

 5177378

 16770303

 3604491

 1245184

 0

 12475263

 12475263

 12470387

 12480139

 12465511

 12485015

 12460635

 12489891

 12455759

 12494767

 12451909

 12499643

 12504520

 12509396

 12514272

 12517356

# Harmonies

## Analogous

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



10970275



12475263



12541786

# Triad

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



12475263



7177270



35258

# Complementary

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



12475263



6012570

# 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.



36510



12475263



3967827

# Square

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



12475263



9599277



36472



2523334

# Rectangle

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



12475263



11953733



36472



35763



# Sweetspot

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



12475263



16240862



10116030



8217966



16579836



8224125



# Same Dimension

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



12475263



16211092



12478555



6182232



10354745



2031627



# Inverse Universe

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



12475263



16211092



6009278



6182232



10354745



2031627



# Previews

## White Background



This preview shows how the Decimal color 12475263 looks on a white background.

## Color Contrast Check

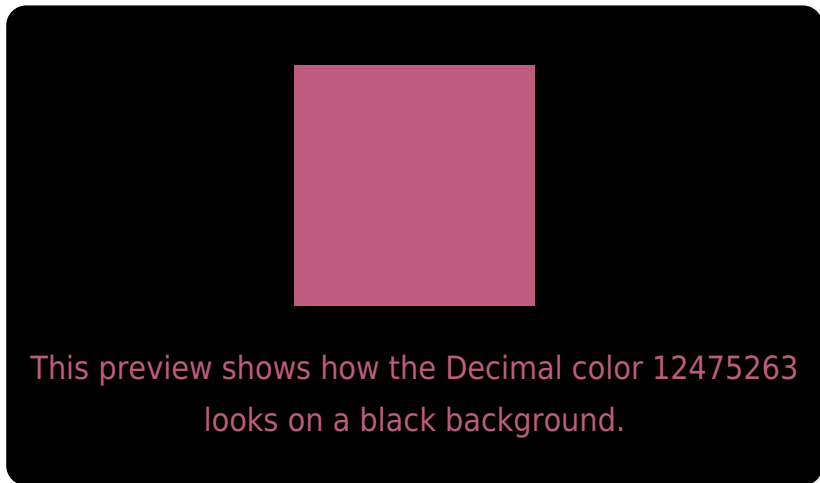
Large Text (above 18pt) WCAG AA ✓ Pass

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 12475263 Background



This preview shows how black text looks on a background with the Decimal color 12475263.



This preview shows how white text looks on a background with the Decimal color 12475263.

# 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



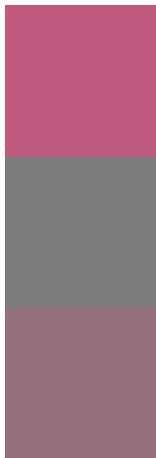
**Original Color**  
12475263

**Protanomaly**  
9531276

**Deuteranomaly**  
10251644

**Tritanomaly**  
12410479

# Monochromacy



**Original Color**  
12475263

**Achromatopsia**  
8224125

**Achromatomaly**  
9793918

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12475263 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 #BE5B7F looks like.

```
.text, #text, p{  
    color:#BE5B7F  
}
```

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 #BE5B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5B7F
}
```

## Border

The CSS property to change the border of an element to Decimal 12475263 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
#BE5B7F }
```

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

```
.border{ border-color:#BE5B7F }
```

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

Here you see how a box with a 4 pixel #BE5B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5B7F; -webkit-box-shadow:4px 4px  
4px 4px #BE5B7F; box-shadow:4px 4px 4px  
4px #BE5B7F }
```

# Background

The CSS property to change the background color of an element to Decimal 12475263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5B7F }
```

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

```
.background{ background-color:#BE5B7F }
```

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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