

# Converting Colors

Decimal(12406625)

Have a look what the booklet for  
Decimal(12406625) contains.

<b>Decimal(12406625)</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(12406625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD4F61
RGB	189, 79, 97
RGB Percent	74%, 31%, 38%
CMY	0.2588, 0.6902, 0.6196
CMYK	0.00, 0.58, 0.49, 0.26
HSL	350°, 45%, 53%
HSV	350°, 58%, 74%
XYZ	25.9399, 17.2738, 13.2763
YIQ	113.9420, 59.7820, 28.9180

# Conversions

## Conversions Part 2

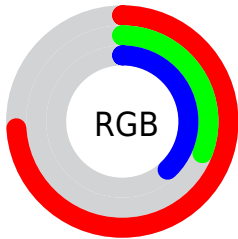
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 79, 97
Decimal	12406625
CIE <sub>Lab</sub>	48.60, 45.86, 12.21
CIE <sub>LCh</sub>	49, 47.460, 14.908
Yxy	17.2738, 0.4592, 0.3058
Android (android.graphics.Color)	4290596705 (0xFFBD4F61)
YUV	113.9420, -8.3524, 65.8259
Hunter-Lab	41.5618, 38.6738, 10.1540

# Details

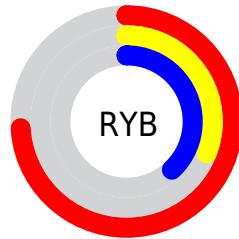
The Decimal color **12406625** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5225899**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **16352403**, and **8591155** is the 20% darker color. If you saturate the color by 10%, you get **12401745**, and if you desaturate by 10%, it is **12411505**.

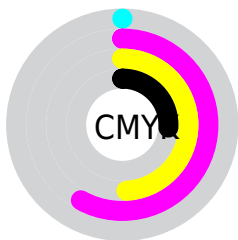
# Distribution



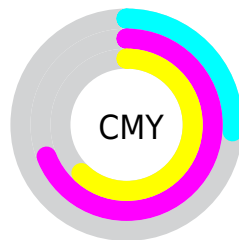
- Red (74%)
- Green (31%)
- Blue (38%)



- Red (74%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (49%)
- Black (26%)

















- Cyan (26%)
- Magenta (69%)
- Yellow (62%)





# Brightness & Saturation Gradients

These gradients show how the Decimal color 12406625 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 12406625 by changing the saturation by 10% instead.



 12406625	 12406625
 16777215	 10499145
 16352403	 8591155
 16752814	 6750238
 16759753	 4915205
 16767205	 3276802
 16774655	 0

 12406625	 12406625
 12401745	 12411505
 12396865	 12416385

 12391986

 12421264

 12387106

 12426144

 12386335

 12431024

 12435648

 12440528

 12445407

 12450287

# Harmonies

## Analogous

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



11686537



12406625



11754044

# Triad

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



12406625



4751671



32449

# Complementary

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



12406625



5225899

# 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.



34219



12406625



34397

# Square

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



12406625



7763998



34695



5140929

# Rectangle

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



12406625



10708265



34695



33212



# Sweetspot

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



12406625



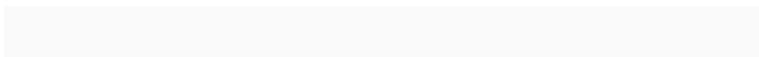
16108498



11227069



8020582



16448250



8026746



# Same Dimension

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



12406625



16075109



12416079



6182230



10354714



2031621



# Inverse Universe

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



12406625



16075109



5216445



6182230



10354714



2031621



# Previews

## White Background



This preview shows how the Decimal color 12406625 looks on a white background.

## Color Contrast Check

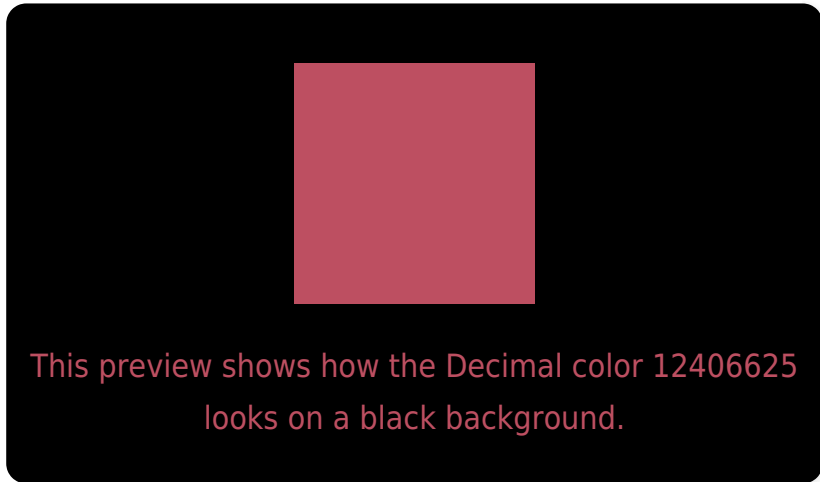
Large Text (above 18pt) WCAG AA ✓ Pass

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 12406625 Background



This preview shows how black text looks on a background with the Decimal color 12406625.



This preview shows how white text looks on a background with the Decimal color 12406625.

# 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**  
12406625

**Protanomaly**  
9463405

**Deuteranomaly**  
10183518

**Tritanomaly**  
12341338

# Monochromacy



**Original Color**  
12406625

**Achromatopsia**  
7500402

**Achromatomaly**  
9266540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12406625 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 #BD4F61 looks like.

```
.text, #text, p{  
    color:#BD4F61  
}
```

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 #BD4F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4F61
}
```

## Border

The CSS property to change the border of an element to Decimal 12406625 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
#BD4F61 }
```

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

```
.border{ border-color:#BD4F61 }
```

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

Here you see how a box with a 4 pixel #BD4F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4F61; -webkit-box-shadow:4px 4px  
4px 4px #BD4F61; box-shadow:4px 4px 4px  
4px #BD4F61 }
```

# Background

The CSS property to change the background color of an element to Decimal 12406625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4F61 }
```

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

```
.background{ background-color:#BD4F61 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor