

# Converting Colors

Decimal(12477283)

Have a look what the booklet for  
Decimal(12477283) contains.

<b>Decimal(12477283)</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(12477283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE6363
RGB	190, 99, 99
RGB Percent	75%, 39%, 39%
CMY	0.2549, 0.6118, 0.6118
CMYK	0.00, 0.48, 0.48, 0.25
HSL	0°, 41%, 57%
HSV	0°, 48%, 75%
XYZ	27.9492, 20.7717, 14.3406
YIQ	126.2090, 54.2360, 19.2920

# Conversions

## Conversions Part 2

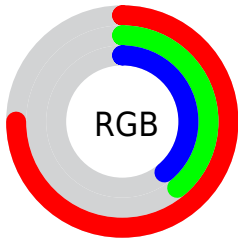
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 99, 99
Decimal	12477283
CIE <sub>Lab</sub>	52.70, 36.38, 16.69
CIE <sub>LCh</sub>	53, 40.022, 24.645
Yxy	20.7717, 0.4432, 0.3294
Android (android.graphics.Color)	4290667363 (0xFFBE6363)
YUV	126.2090, -13.4140, 55.9447
Hunter-Lab	45.5760, 29.7061, 13.2474

# Details

The Decimal color **12477283** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6536894**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16357526**, and **8728885** is the 20% darker color. If you saturate the color by 10%, you get **12472400**, and if you desaturate by 10%, it is **12482166**.

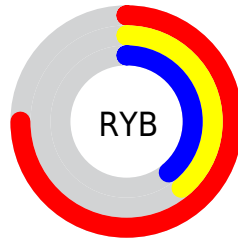
# Distribution



Red (75%)

Green (39%)

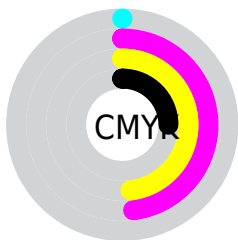
Blue (39%)



Red (75%)

Yellow (39%)

Blue (39%)

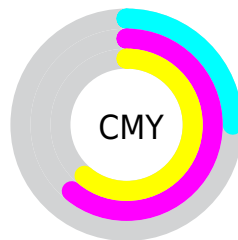


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (61%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12477283 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 12477283 by changing the saturation by 10% instead.



 12477283

 12477283

16777215

 10570315

 16357526

 8728885

 16757680

 6887199

 16764876

 5111816

 16772328

 3407872

 851968

 0

 12477283

 12477283

 12472400

 12482166

 12467517

 12487049

 12462634

 12491932

 12457751

 12496815

 12452868

 12501698

 12451840

 12506581

 12511464

 12516347

 12517375

# Harmonies

## Analogous

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



12214661



12477283



11627847

# Triad

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



12477283



5016405



3048386

# Complementary

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



12477283



6536894

# 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.



35765



12477283



36726

# Square

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



12477283



7767101



36761



7829436

# Rectangle

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



12477283



10581563



36761



34496

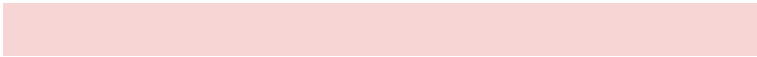


# Sweetspot

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



12477283



16242133



12477374



8218728



16579836



8224125



# Same Dimension

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



12477283



16214634



12489059



6182229



10354688



2031616



# Inverse Universe

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



6536894



7010295



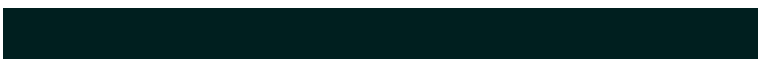
6525374



5594718



40606

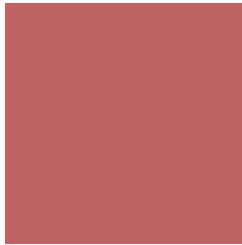


7967



# Previews

## White Background



This preview shows how the Decimal color 12477283 looks on a white background.

## Color Contrast Check

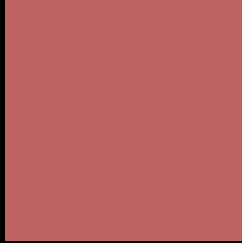
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12477283 looks on a 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 12477283 Background



This preview shows how black text looks on a background with the Decimal color 12477283.



This preview shows how white text looks on a background with the Decimal color 12477283.

# 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**  
12477033

# Trichromacy



**Original Color**  
12477283

**Protanomaly**  
10056811

**Deuteranomaly**  
10776928

**Tritanomaly**  
12477031

# Monochromacy



**Original Color**  
12477283

**Achromatopsia**  
8289918

**Achromatomaly**  
9794676

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12477283 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 #BE6363 looks like.

```
.text, #text, p{  
  color:#BE6363  
}
```

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 #BE6363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6363
}
```

## Border

The CSS property to change the border of an element to Decimal 12477283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

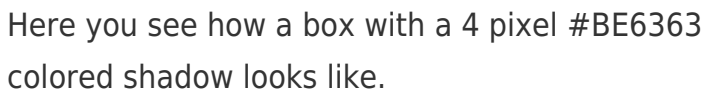
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE6363 }
```

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

```
.border{ border-color:#BE6363 }
```

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



Here you see how a box with a 4 pixel `#BE6363` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6363; -webkit-box-shadow:4px 4px  
4px 4px #BE6363; box-shadow:4px 4px 4px  
4px #BE6363 }
```

# Background

The CSS property to change the background color of an element to Decimal 12477283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6363 }
```

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

```
.background{ background-color:#BE6363 }
```

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