

Converting Colors

Decimal(12170420)

Have a look what the booklet for
Decimal(12170420) contains.

Decimal(12170420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12170420)

Conversions

Conversions Part 1

Format	Color
Hex	B9B4B4
RGB	185, 180, 180
RGB Percent	73%, 71%, 71%
CMY	0.2745, 0.2941, 0.2941
CMYK	0.00, 0.03, 0.03, 0.27
HSL	0°, 3%, 72%
HSV	0°, 3%, 73%
XYZ	44.5671, 46.2521, 49.7586
YIQ	181.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

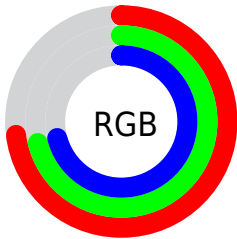
Format	Color
RYB	185, 180, 180
Decimal	12170420
CIELab	73.71, 1.77, 0.62
CIElCh	74, 1.873, 19.289
Yxy	46.2521, 0.3170, 0.3290
Android (android.graphics.Color)	4290360500 (0xFFB9B4B4)
YUV	181.4950, -0.7370, 3.0739
Hunter-Lab	68.0089, -2.0423, 4.2268

Details

The Decimal color **12170420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11844025**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **15854828**, and **8683391** is the 20% darker color. If you saturate the color by 10%, you get **12165794**, and if you desaturate by 10%, it is **12175303**.

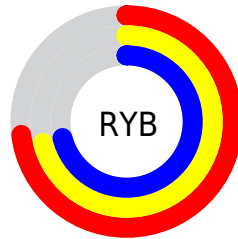
Distribution



Red (73%)

Green (71%)

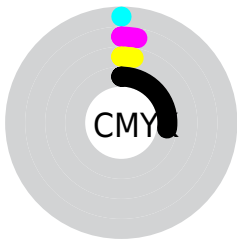
Blue (71%)



Red (73%)

Yellow (71%)

Blue (71%)

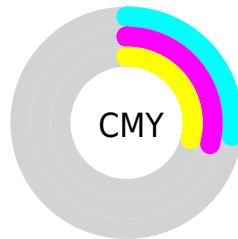


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12170420 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 12170420 by changing the saturation by 10% instead.

■ 12170420

■ 12170420

16777215

■ 10394009

■ 15854828

■ 8683391

■ 7038566

■ 5459534

■ 3946552

■ 2499106


■ 1117196


■ 0

■ 12170420


■ 12170420

 12165794


 12175303

 12160911


 12179929

 12156285


 12184812

 12151402

 12189438

 12146776

 12189695

 12141893

 12137267

 12132384

 12127758

Harmonies

Analogous

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



12104886



12170420



12170419

Triad

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



12170420



11777715



11777464

Complementary

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



12170420



11844025

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.



11646648



12170420



11712180

Square

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



12170420



11908530



11646646



11908536

Rectangle

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



12170420



12105138



11646646



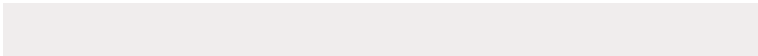
11712184

Sweetspot

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



12170420



15789549



12170425



7894903



16250871



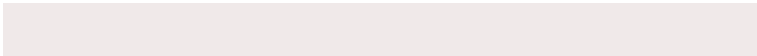
7895160

Same Dimension

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



12170420



15788521



12171188



6051928



10223616



1835008

Inverse Universe

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



11844025



15331568



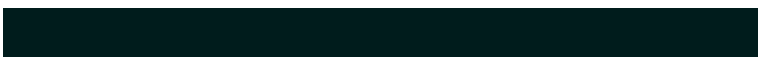
11843513



5790812



40092



7196

Previews

White Background



This preview shows how the Decimal color 12170420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 12170420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

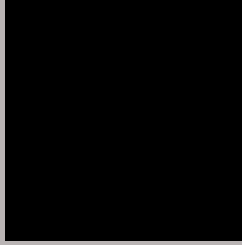
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

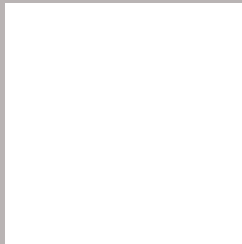
Any Text WCAG AAA ✓ Pass

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

Decimal 12170420 Background



This preview shows how black text looks on a background with the Decimal color 12170420.

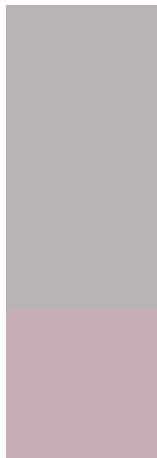


This preview shows how white text looks on a background with the Decimal color 12170420.

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



Original Color
12170420

Protanopia
12104884

Deuteranopia
13021109



Tritanopia
12300992

Trichromacy



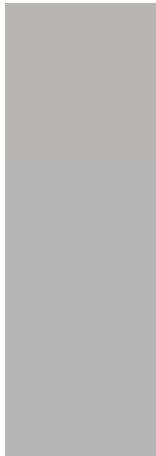
Original Color
12170420

Protanomaly
12104884

Deuteranomaly
12693941

Tritanomaly
12235708

Monochromacy



Original Color
12170420

Achromatopsia
11908533

Achromatomaly
11974069

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12170420 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 #B9B4B4 looks like.

```
.text, #text, p{  
  color:#B9B4B4  
}
```

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 #B9B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B4B4
}
```

Border

The CSS property to change the border of an element to Decimal 12170420 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
#B9B4B4 }
```

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

```
.border{ border-color:#B9B4B4 }
```

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

Here you see how a box with a 4 pixel #B9B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B4B4; -webkit-box-shadow:4px 4px  
4px 4px #B9B4B4; box-shadow:4px 4px 4px  
4px #B9B4B4 }
```

Background

The CSS property to change the background color of an element to Decimal 12170420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B4B4 }
```

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

```
.background{ background-color:#B9B4B4 }
```

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