

Converting Colors

Decimal(12355253)

Have a look what the booklet for
Decimal(12355253) contains.

Decimal(12355253)	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(12355253)

Conversions

Conversions Part 1

Format	Color
Hex	BC86B5
RGB	188, 134, 181
RGB Percent	74%, 53%, 71%
CMY	0.2627, 0.4745, 0.2902
CMYK	0.00, 0.29, 0.04, 0.26
HSL	308°, 29%, 63%
HSV	308°, 29%, 74%
XYZ	37.6046, 31.0778, 47.7327
YIQ	155.5040, 17.0970, 26.0650

Conversions

Conversions Part 2

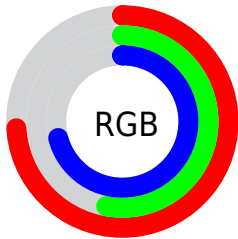
Format	Color
RYB	188, 134, 181
Decimal	12355253
CIELab	62.57, 28.38, -16.46
CIELCh	63, 32.811, 329.888
Yxy	31.0778, 0.3230, 0.2670
Android (android.graphics.Color)	4290545333 (0xFFBC86B5)
YUV	155.5040, 12.5695, 28.4990
Hunter-Lab	55.7474, 22.8498, -11.7428

Details

The Decimal color **12355253** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8830093**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16104685**, and **8803200** is the 20% darker color. If you saturate the color by 10%, you get **12350387**, and if you desaturate by 10%, it is **12360119**.

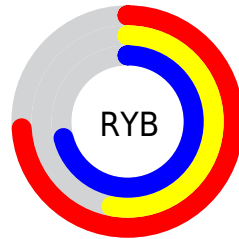
Distribution



Red (74%)

Green (53%)

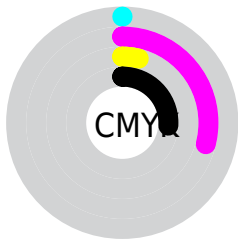
Blue (71%)



Red (74%)

Yellow (53%)

Blue (71%)

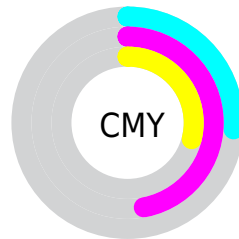


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12355253 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 12355253 by changing the saturation by 10% instead.

 12355253

 12355253

16777215

 10579098

 16104685

 8803200

 16767231

 7093095

 16774399

 5448783

 3870008

 2490402

 9

 0

 12355253

 12355253

 12350387

 12360119

 12345520

 12364986

 12340910

 12369596

 12336043

 12374463

 12331177

 12379329

 12326310

 12384196

 12321444

 12386246

 12320932

 12386248

 12386251

Harmonies

Analogous

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



10195146



12355253



13533593

Triad

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



12355253



11244893



2598579

Complementary

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



12355253



8830093

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.



4564886



1235253



9215588

Square

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



12355253



12815206



6988921



4104905

Rectangle

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



12355253



13730437



6988921



3057578

Sweetspot

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



12355253



16113650



9209532



8023417



16448250



8026746

Same Dimension

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



12355253



16098026



12355227



6182237



10354826



2031643

Inverse Universe

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



12355253



16098026



8830119



6182237



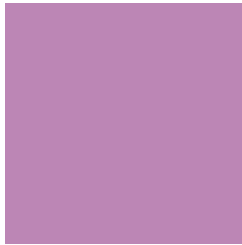
10354826



2031643

Previews

White Background



This preview shows how the Decimal color 12355253 looks on a white background.

Color Contrast Check

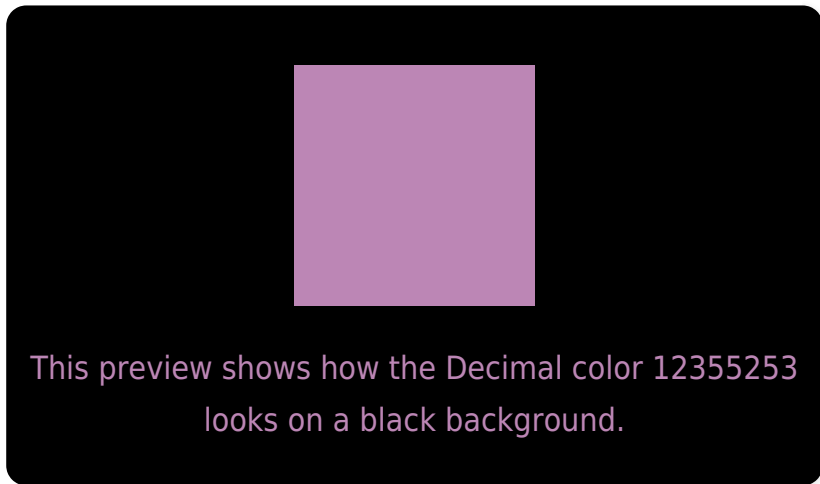
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

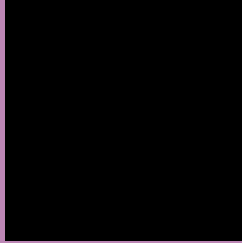
Any Text WCAG AA ✓ Pass

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 12355253 Background



This preview shows how black text looks on a background with the Decimal color 12355253.



This preview shows how white text looks on a background with the Decimal color 12355253.

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
12094614

Trichromacy



Original Color
12355253

Protanomaly
10391740

Deuteranomaly
10915763

Tritanomaly
12159649

Monochromacy



Original Color
12355253

Achromatopsia
10263708

Achromatomaly
11048101

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12355253 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 #BC86B5 looks like.

```
.text, #text, p{  
    color:#BC86B5  
}
```

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 #BC86B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC86B5
}
```

Border

The CSS property to change the border of an element to Decimal 12355253 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
#BC86B5 }
```

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

```
.border{ border-color:#BC86B5 }
```

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

Here you see how a box with a 4 pixel #BC86B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC86B5; -webkit-box-shadow:4px 4px  
4px 4px #BC86B5; box-shadow:4px 4px 4px  
4px #BC86B5 }
```

Background

The CSS property to change the background color of an element to Decimal 12355253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC86B5 }
```

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

```
.background{ background-color:#BC86B5 }
```

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