

Converting Colors

Decimal(12216774)

Have a look what the booklet for
Decimal(12216774) contains.

Decimal(12216774)	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(12216774)

Conversions

Conversions Part 1

Format	Color
Hex	BA69C6
RGB	186, 105, 198
RGB Percent	73%, 41%, 78%
CMY	0.2706, 0.5882, 0.2235
CMYK	0.06, 0.47, 0.00, 0.22
HSL	292°, 45%, 59%
HSV	292°, 47%, 78%
XYZ	35.4943, 24.6195, 56.3074
YIQ	139.8210, 18.4230, 46.0950

Conversions

Conversions Part 2

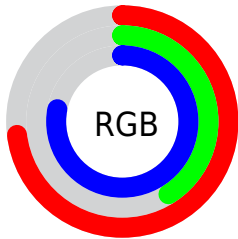
Format	Color
R_{YB}	186, 105, 198
Decimal	12216774
CIE _{Lab}	56.70, 46.69, -35.18
CIE _{LCh}	57, 58.460, 322.998
Yxy	24.6195, 0.3049, 0.2115
Android (android.graphics.Color)	4290406854 (0xFFBA69C6)
YUV	139.8210, 28.6822, 40.4990
Hunter-Lab	49.6180, 40.8587, -32.5507

Details

The Decimal color **12216774** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7718505**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16031743**, and **8598928** is the 20% darker color. If you saturate the color by 10%, you get **12015046**, and if you desaturate by 10%, it is **12418502**.

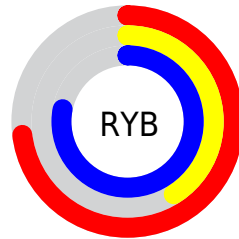
Distribution



Red (73%)

Green (41%)

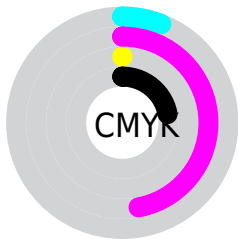
Blue (78%)



Red (73%)

Yellow (41%)

Blue (78%)

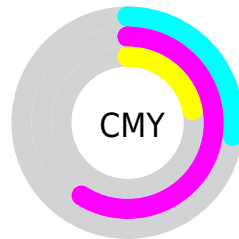


Cyan (6%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (59%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12216774 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 12216774 by changing the saturation by 10% instead.

 12216774

 12216774

16777215

 10375082

 16031743

 8598928

 16759551

 6822518

 16766975

 5111901

 16774143

 3473477

 1966126

 280

 0

 12216774

 12216774

■ 12015046

■ 12418502

■ 11878854

■ 12554694

■ 11677382

■ 12756166

■ 11541190

■ 12892358

■ 11339462

■ 13094086

■ 11272390

■ 13230278

■ 13432006

■ 13565894

■ 13762502

Harmonies

Analogous

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



7504102



12216774



14506134

Triad

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



12216774



11305237



41134

Complementary

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



12216774



7718505

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.



40826



12216774



8163614

Square

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



12216774



13659447



3709767



40153

Rectangle

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



12216774



14964596



3709767



41117

Sweetspot

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



12216774



16440319



6911430



8219264



0



8421504

Same Dimension

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



12216774



15560959



13003172



6445667



9306275



2031652

Inverse Universe

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



13003125



16740483



6932107



6511195



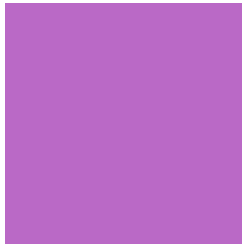
10682389



2359301

Previews

White Background



This preview shows how the Decimal color 12216774 looks on a white background.

Color Contrast Check

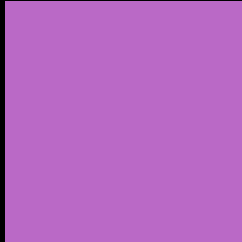
Large Text (above 18pt) WCAG AA ✓ Pass

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 12216774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

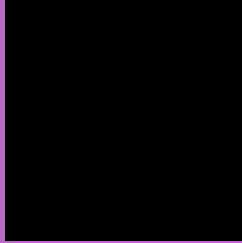
Any Text WCAG AA ✓ Pass

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 12216774 Background



This preview shows how black text looks on a background with the Decimal color 12216774.



This preview shows how white text looks on a background with the Decimal color 12216774.

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
11630978

Trichromacy



Original Color

12216774



Protanomaly

8682453



Deuteranomaly

9272514



Tritanomaly

11826075

Monochromacy



Original Color

12216774



Achromatopsia

9211020



Achromatomaly

10321825

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12216774 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 #BA69C6 looks like.

```
.text, #text, p{  
    color:#BA69C6  
}
```

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 #BA69C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA69C6
}
```

Border

The CSS property to change the border of an element to Decimal 12216774 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
#BA69C6 }
```

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

```
.border{ border-color:#BA69C6 }
```

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

Here you see how a box with a 4 pixel #BA69C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA69C6; -webkit-box-shadow:4px 4px  
4px 4px #BA69C6; box-shadow:4px 4px 4px  
4px #BA69C6 }
```

Background

The CSS property to change the background color of an element to Decimal 12216774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA69C6 }
```

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

```
.background{ background-color:#BA69C6 }
```

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