

Converting Colors

Decimal(12018336)

Have a look what the booklet for
Decimal(12018336) contains.

Decimal(12018336)	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(12018336)

Conversions

Conversions Part 1

Format	Color
Hex	B762A0
RGB	183, 98, 160
RGB Percent	72%, 38%, 63%
CMY	0.2824, 0.6157, 0.3725
CMYK	0.00, 0.46, 0.13, 0.28
HSL	316°, 37%, 55%
HSV	316°, 46%, 72%
XYZ	30.2413, 21.3407, 35.7830
YIQ	130.4830, 30.7580, 37.3020

Conversions

Conversions Part 2

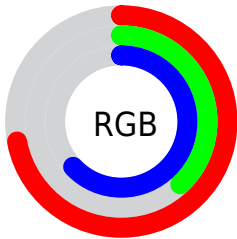
Format	Color
R _Y B	183, 98, 160
Decimal	12018336
CIE Lab	53.32, 42.55, -18.50
CIE LCh	53, 46.396, 336.500
Yxy	21.3407, 0.3461, 0.2443
Android (android.graphics.Color)	4290208416 (0xFFB762A0)
YUV	130.4830, 14.5519, 46.0574
Hunter-Lab	46.1960, 36.0084, -13.5883

Details

The Decimal color **12018336** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6469497**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15833047**, and **8400748** is the 20% darker color. If you saturate the color by 10%, you get **12013723**, and if you desaturate by 10%, it is **12022949**.

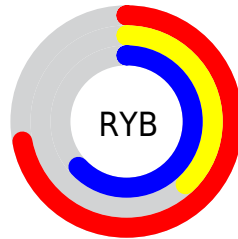
Distribution



Red (72%)

Green (38%)

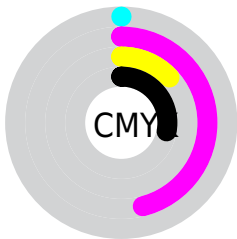
Blue (63%)



Red (72%)

Yellow (38%)

Blue (63%)

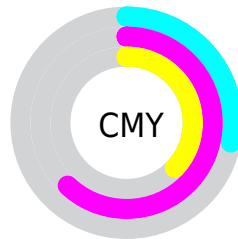


Cyan (0%)

Magenta (46%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (62%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12018336 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 12018336 by changing the saturation by 10% instead.

 12018336

 12018336

16777215

 10176646

 15833047

 8400748

 16757491

 6624084

 16764927

 4980797

 16772095

 3407911

 1507344

 0

 12018336

 12018336

 12013723

 12022949

12008854

12027818

12004241

12032431

11999628

12037044

11995015

12041913

11993221

12046526

12051139

12055752

12058573

Harmonies

Analogous

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



9269696



12018336



13196408

Triad

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



12018336



9273387



37550

Complementary

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



12018336



6469497

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.



37767



12018336



6523708

Square

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



12018336



11498037



2330974



36040

Rectangle

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



12018336



13131614



2330974



37794

Sweetspot

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



12018336



15584484



7955127



7889778



16250871



7895160

Same Dimension

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



12018336



15558857



12018294



6050649



10223729



1835028

Inverse Universe

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



12018336



15558857



6469539



6050649



10223729



1835028

Previews

White Background



This preview shows how the Decimal color 12018336 looks on a white background.

Color Contrast Check

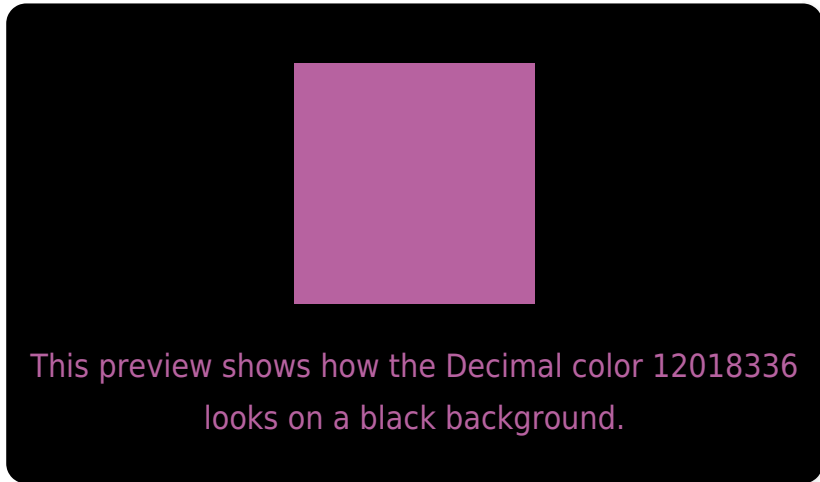
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

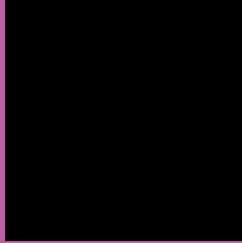
Any Text WCAG AA ✓ Pass

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 12018336 Background



This preview shows how black text looks on a background with the Decimal color 12018336.




This preview shows how white text looks on a background with the Decimal color 12018336.

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
11692915

Trichromacy



Original Color
12018336

Protanomaly
9008301

Deuteranomaly
9663389

Tritanomaly
11823235

Monochromacy



Original Color
12018336

Achromatopsia
8553090

Achromatomaly
9795213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12018336 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 #B762A0 looks like.

```
.text, #text, p{  
  color:#B762A0  
}
```

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 #B762A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B762A0
}
```

Border

The CSS property to change the border of an element to Decimal 12018336 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
#B762A0 }
```

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

```
.border{ border-color:#B762A0 }
```

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

Here you see how a box with a 4 pixel #B762A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B762A0; -webkit-box-shadow:4px 4px  
4px 4px #B762A0; box-shadow:4px 4px 4px  
4px #B762A0 }
```

Background

The CSS property to change the background color of an element to Decimal 12018336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B762A0 }
```

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

```
.background{ background-color:#B762A0 }
```

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