

Converting Colors

Decimal(12230590)

Have a look what the booklet for
Decimal(12230590) contains.

Decimal(12230590)	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(12230590)

Conversions

Conversions Part 1

Format	Color
Hex	BA9FBE
RGB	186, 159, 190
RGB Percent	73%, 62%, 75%
CMY	0.2706, 0.3765, 0.2549
CMYK	0.02, 0.16, 0.00, 0.25
HSL	292°, 19%, 68%
HSV	292°, 16%, 75%
XYZ	41.9421, 38.9531, 54.0233
YIQ	170.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

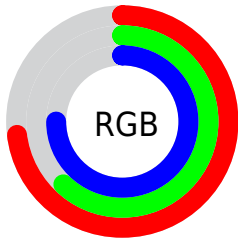
Format	Color
RYB	186, 159, 190
Decimal	12230590
CIELab	68.72, 15.50, -12.27
CIElCh	69, 19.770, 321.642
Yxy	38.9531, 0.3109, 0.2887
Android (android.graphics.Color)	4290420670 (0xFFBA9FBE)
YUV	170.6070, 9.5607, 13.4997
Hunter-Lab	62.4124, 10.7331, -7.6319

Details

The Decimal color **12230590** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10731167**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **15914742**, and **8743817** is the 20% darker color. If you saturate the color by 10%, you get **12094654**, and if you desaturate by 10%, it is **12366526**.

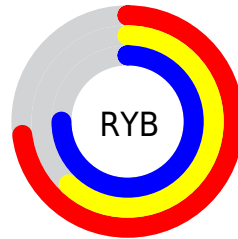
Distribution



Red (73%)

Green (62%)

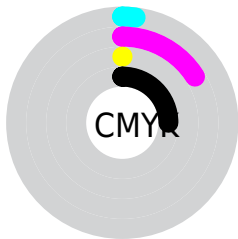
Blue (75%)



Red (73%)

Yellow (62%)

Blue (75%)

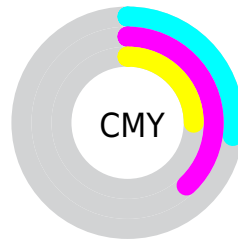


Cyan (2%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12230590 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 12230590 by changing the saturation by 10% instead.

 12230590

 12230590

16777215

 10454435

 15914742

 8743817

 16773887

 7033711

 5454935

 3876415

 2429225

 917525

 0

 12230590

 12230590

12094654

12366526

11893182

12567998

11757246

12703934

11555774

12905406

11419838

13041342

11218366

13238206

11082430

13369278

10880958

13565886

10813630

13696958

Harmonies

Analogous

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



10790345



12230590



13147053

Triad

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



12230590



12232069



7844532

Complementary

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



12230590



10731167

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.



8499874



12230590



11053958

Square

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



12230590



13148044



9678737



8105923

Rectangle

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



12230590



13474721



9678737



7975598

Sweetspot

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



12230590



16182263



10462142



8156541



16579836



8224125

Same Dimension

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



12230590



15845111



12492723



6116702



9044126



1769503

Inverse Universe

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



12492707



16238284



10469034



6182230



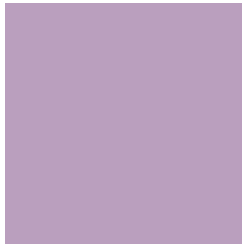
10354708



2031620

Previews

White Background



This preview shows how the Decimal color 12230590 looks on a white background.

Color Contrast Check

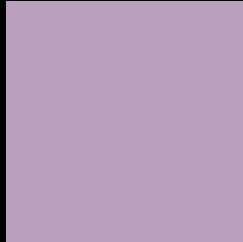
Large Text (above 18pt) WCAG AA × Fail

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 12230590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

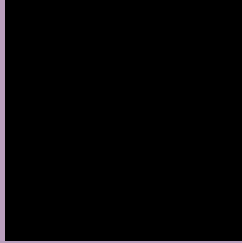
Any Text WCAG AA ✓ Pass

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 12230590 Background



This preview shows how black text looks on a background with the Decimal color 12230590.

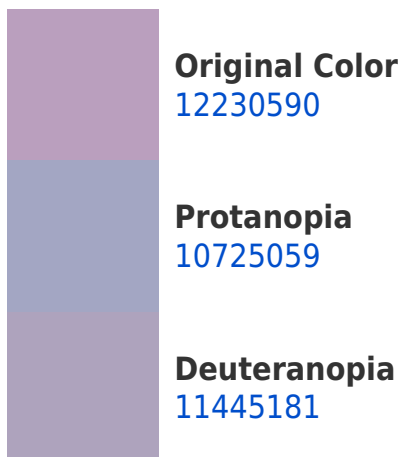



This preview shows how white text looks on a background with the Decimal color 12230590.

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
12100270

Trichromacy



Original Color
12230590

Protanomaly
11248577

Deuteranomaly
11707069

Tritanomaly
12165556

Monochromacy



Original Color
12230590

Achromatopsia
11250603

Achromatomaly
11577266

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12230590 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 #BA9FBE looks like.

```
.text, #text, p{  
    color:#BA9FBE  
}
```

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 #BA9FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9FBE
}
```

Border

The CSS property to change the border of an element to Decimal 12230590 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
#BA9FBE }
```

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

```
.border{ border-color:#BA9FBE }
```

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

Here you see how a box with a 4 pixel #BA9FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9FBE; -webkit-box-shadow:4px 4px  
4px 4px #BA9FBE; box-shadow:4px 4px 4px  
4px #BA9FBE }
```

Background

The CSS property to change the background color of an element to Decimal 12230590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9FBE }
```

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

```
.background{ background-color:#BA9FBE }
```

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