

Converting Colors

Decimal(12586158)

Have a look what the booklet for
Decimal(12586158) contains.

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Color

Decimal(12586158)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C00CAE |
| RGB | 192, 12, 174 |
| RGB Percent | 75%, 5%, 68% |
| CMY | 0.2471, 0.9529, 0.3176 |
| CMYK | 0.00, 0.94, 0.09, 0.25 |
| HSL | 306°, 88%, 40% |
| HSV | 306°, 94%, 75% |
| XYZ | 29.5097, 14.5254, 41.2927 |
| YIQ | 84.2880, 55.2780, 88.5420 |

Conversions

Conversions Part 2

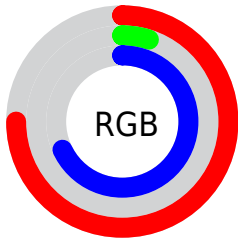
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 192, 12, 174 |
| Decimal | 12586158 |
| CIE _{Lab} | 44.98, 75.73, -39.63 |
| CIE _{LCh} | 45, 85.479, 332.376 |
| Yxy | 14.5254, 0.3458, 0.1702 |
| Android (android.graphics.Color) | 4290776238 (0xFFC00CAE) |
| YUV | 84.2880, 44.2280, 94.4634 |
| Hunter-Lab | 38.1122, 71.5134, -37.5593 |

Details

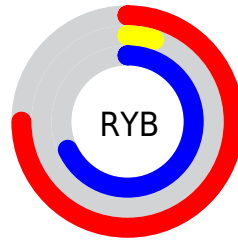
The Decimal color **12586158** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **835614**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16538854**, and **8781945** is the 20% darker color. If you saturate the color by 10%, you get **12583085**, and if you desaturate by 10%, it is **12591024**.

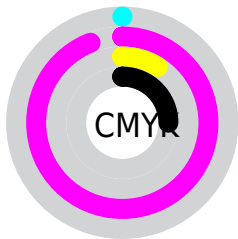
Distribution



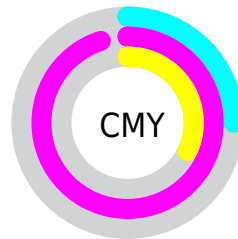
- Red (75%)
- Green (5%)
- Blue (68%)



- Red (75%)
- Yellow (5%)
- Blue (68%)



- Cyan (0%)
- Magenta (94%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12586158 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 12586158 by changing the saturation by 10% instead.

 12586158

 12586158

16777215

 10682515

 16538854

 8781945

 16743167

 6881376

 16750591

 5046343

 16758015

 3276848

 16765695

 851994

 16773375

 0

 12586158

 12586158

 12583085

 12591024

 12595890

 12601012

 12605878

 12610744

 12615610

 12620475

 12625597

 12630463

Harmonies

Analogous

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



6444005



12586158



14680168

Triad

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



12586158



8219136



34742

Complementary

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



12586158



835614

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.



34414



12586158



3046144

Square

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



12586158



11815424



33567



33514

Rectangle

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



12586158



14614586



33567



34719

Sweetspot

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



12586158



16430323



1969344



8213113



16579836



8224125

Same Dimension

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



12586158



16384225



12586068



6379360



10551441



2162718

Inverse Universe

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



12586158



16384225



835704



6379360



10551441



2162718

Previews

White Background



This preview shows how the Decimal color 12586158 looks on a white background.

Color Contrast Check

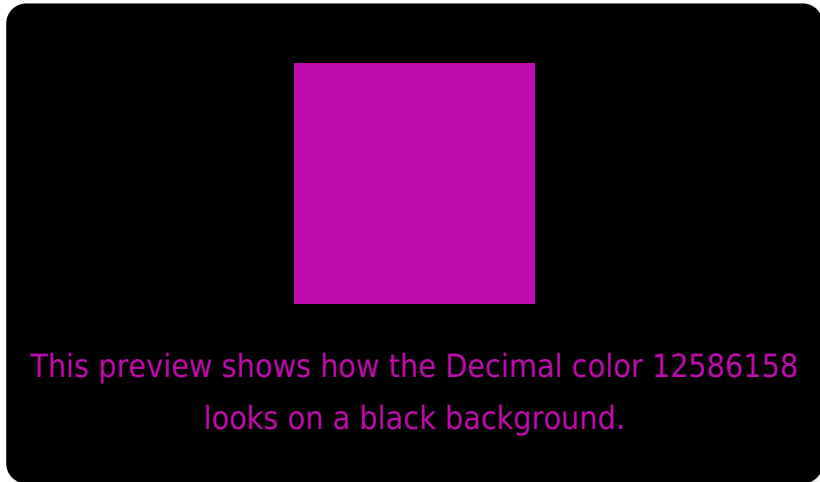
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

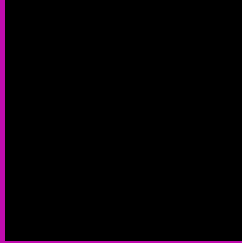
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 12586158 Background



This preview shows how black text looks on a background with the Decimal color 12586158.

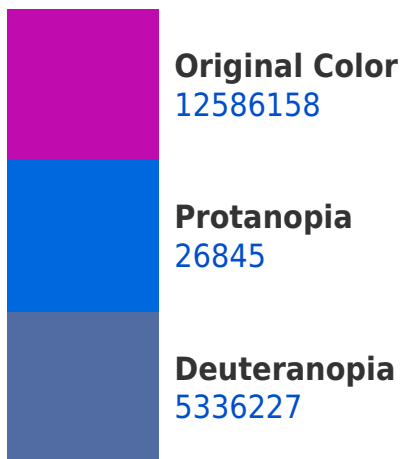


This preview shows how white text looks on a background with the Decimal color 12586158.

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



Trichromacy



Original Color
12586158



Protanomaly
4605900



Deuteranomaly
7948711



Tritanomaly
12202094

Monochromacy



Original Color
12586158



Achromatopsia
5526612



Achromatomaly
8075893

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12586158 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 #C00CAE looks like.

```
.text, #text, p{  
    color:#C00CAE  
}
```

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 #C00CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00CAE
}
```

Border

The CSS property to change the border of an element to Decimal 12586158 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
#C00CAE }
```

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

```
.border{ border-color:#C00CAE }
```

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

Here you see how a box with a 4 pixel #C00CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00CAE; -webkit-box-shadow:4px 4px  
4px 4px #C00CAE; box-shadow:4px 4px 4px  
4px #C00CAE }
```

Background

The CSS property to change the background color of an element to Decimal 12586158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00CAE }
```

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

```
.background{ background-color:#C00CAE }
```

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](#).

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