

Converting Colors

Decimal(12736638)

Have a look what the booklet for
Decimal(12736638) contains.

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Color

Decimal(12736638)

Conversions

Conversions Part 1

Format	Color
Hex	C2587E
RGB	194, 88, 126
RGB Percent	76%, 35%, 49%
CMY	0.2392, 0.6549, 0.5059
CMYK	0.00, 0.55, 0.35, 0.24
HSL	338°, 46%, 55%
HSV	338°, 55%, 76%
XYZ	29.5038, 19.9551, 22.0354
YIQ	124.0260, 50.9780, 34.2900

Conversions

Conversions Part 2

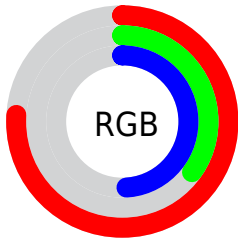
Format	Color
RYB	194, 88, 126
Decimal	12736638
CIELab	51.79, 46.36, -0.55
CIELCh	52, 46.365, 359.322
Yxy	19.9551, 0.4127, 0.2791
Android (android.graphics.Color)	4290926718 (0xFFC2587E)
YUV	124.0260, 0.9732, 61.3672
Hunter-Lab	44.6712, 39.7185, 2.0233

Details

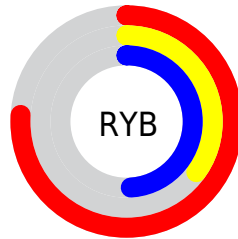
The Decimal color **12736638** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5816988**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16616883**, and **8987213** is the 20% darker color. If you saturate the color by 10%, you get **12731762**, and if you desaturate by 10%, it is **12741514**.

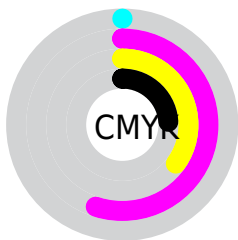
Distribution



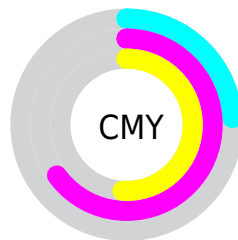
- Red (76%)
- Green (35%)
- Blue (49%)



- Red (76%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12736638 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 12736638 by changing the saturation by 10% instead.

 12736638

 12736638

16777215

 10829413

 16616883

 8987213

 16755150

 7143479

 16762346

 5373985

 16769791

 3735562

 1507328

 0

 12736638

 12736638

 12731762

 12741514

 12726629

 12746647

 12721753

 12751523

 12716620

 12756656

 12714054

 12761532

 12766409

 12771541

 12776418

 12779502

Harmonies

Analogous

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



11231653



12736638



12803159

Triad

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



12736638



6980914



35519

Complementary

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



12736638



5816988

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.



36513



12736638



3443793

Square

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



12736638



9599271



36729



1605835

Rectangle

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



12736638



12084544



36729



36023

Sweetspot

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



12736638



16569571



10180802



8415088



0



8421504

Same Dimension

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



12736638



16537234



12740184



6379355



10551354



2162700

Inverse Universe

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



12736638



16537234



5813442



6379355



10551354



2162700

Previews

White Background



This preview shows how the Decimal color 12736638 looks on a white background.

Color Contrast Check

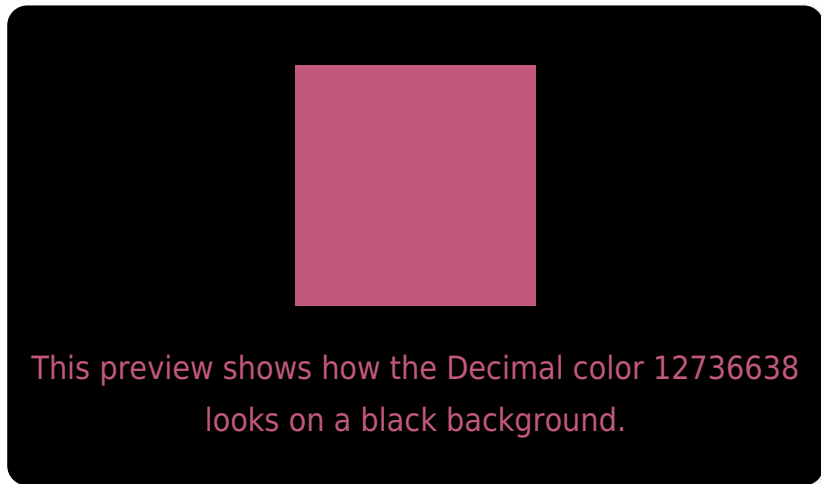
Large Text (above 18pt) WCAG AA ✓ Pass

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 12736638 Background



This preview shows how black text looks on a background with the Decimal color 12736638.



This preview shows how white text looks on a background with the Decimal color 12736638.

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



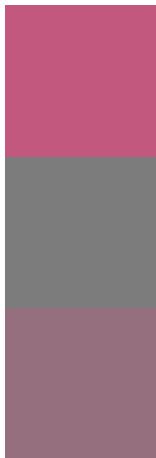
Original Color
12736638

Protanomaly
9596555

Deuteranomaly
10382459

Tritanomaly
12671853

Monochromacy



Original Color
12736638

Achromatopsia
8158332

Achromatomaly
9793405

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12736638 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 #C2587E looks like.

```
.text, #text, p{  
    color:#C2587E  
}
```

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 #C2587E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2587E
}
```

Border

The CSS property to change the border of an element to Decimal 12736638 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
#C2587E }
```

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

```
.border{ border-color:#C2587E }
```

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

Here you see how a box with a 4 pixel #C2587E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2587E; -webkit-box-shadow:4px 4px  
4px 4px #C2587E; box-shadow:4px 4px 4px  
4px #C2587E }
```

Background

The CSS property to change the background color of an element to Decimal 12736638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2587E }
```

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

```
.background{ background-color:#C2587E }
```

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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