

Converting Colors

Decimal(12873616)

Have a look what the booklet for
Decimal(12873616) contains.

Decimal(12873616)	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(12873616)

Conversions

Conversions Part 1

Format	Color
Hex	C46F90
RGB	196, 111, 144
RGB Percent	77%, 44%, 56%
CMY	0.2314, 0.5647, 0.4353
CMYK	0.00, 0.43, 0.27, 0.23
HSL	337°, 42%, 60%
HSV	337°, 43%, 77%
XYZ	33.4834, 25.1183, 29.4691
YIQ	140.1770, 40.0670, 28.2830

Conversions

Conversions Part 2

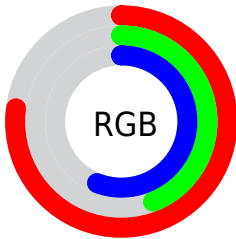
Format	Color
R _Y B	196, 111, 144
Decimal	12873616
CIE Lab	57.19, 37.65, -3.18
CIE LCh	57, 37.787, 355.174
Yxy	25.1183, 0.3802, 0.2852
Android (android.graphics.Color)	4291063696 (0xFFC46F90)
YUV	140.1770, 1.8847, 48.9568
Hunter-Lab	50.1181, 31.5474, 0.2206

Details

The Decimal color **12873616** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7324835**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16688326**, and **9190494** is the 20% darker color. If you saturate the color by 10%, you get **12868484**, and if you desaturate by 10%, it is **12878748**.

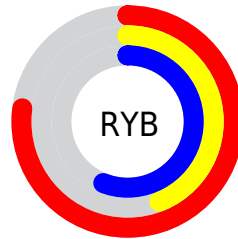
Distribution



Red (77%)

Green (44%)

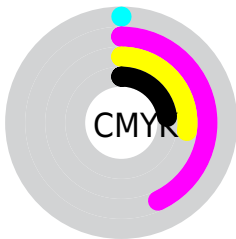
Blue (56%)



Red (77%)

Yellow (44%)

Blue (56%)

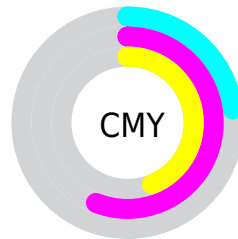


Cyan (0%)

Magenta (43%)

Yellow (27%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12873616 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 12873616 by changing the saturation by 10% instead.

 12873616

 12873616

16777215

 11031926

 16688326

 9190494

 16761058

 7414598

 16768254

 5703216

 16775679

 3997723

 2555905

 0

 12873616

 12873616

 12868484

 12878748

 12863608

 12883624

 12858476

 12888756

 12853600

 12893632

 12848468

 12898764

 12845132

 12903896

 12908772

 12910576

 12910588

Harmonies

Analogous

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



11368367



12873616



13136239

Triad

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



12873616



8556620



38591

Complementary

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



12873616



7324835

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.



39588



12873616



5936994

Square

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



12873616



10716743



2267779



4820683

Rectangle

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



12873616



12678748



2267779



39095

Sweetspot

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



12873616



16768747



10645444



8416115



0



8421504

Same Dimension

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



12873616



16743086



12875887



6379355



10551358



2162701

Inverse Universe

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



12873616



16743086



7322564



6379355



10551358



2162701

Previews

White Background



This preview shows how the Decimal color 12873616 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 12873616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

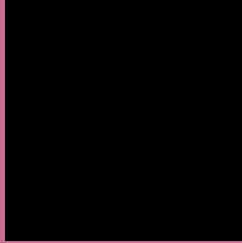
Any Text WCAG AA ✓ Pass

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 12873616 Background



This preview shows how black text looks on a background with the Decimal color 12873616.



This preview shows how white text looks on a background with the Decimal color 12873616.

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
12743547

Trichromacy



Original Color
12873616

Protanomaly
10256538

Deuteranomaly
10976653

Tritanomaly
12808835

Monochromacy



Original Color
12873616

Achromatopsia
9211020

Achromatomaly
10518925

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12873616 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 #C46F90 looks like.

```
.text, #text, p{  
    color:#C46F90  
}
```

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 #C46F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46F90
}
```

Border

The CSS property to change the border of an element to Decimal 12873616 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
#C46F90 }
```

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

```
.border{ border-color:#C46F90 }
```

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

Here you see how a box with a 4 pixel #C46F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46F90; -webkit-box-shadow:4px 4px  
4px 4px #C46F90; box-shadow:4px 4px 4px  
4px #C46F90 }
```

Background

The CSS property to change the background color of an element to Decimal 12873616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46F90 }
```

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

```
.background{ background-color:#C46F90 }
```

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