

Converting Colors

Decimal(12795035)

Have a look what the booklet for
Decimal(12795035) contains.

Decimal(12795035)	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(12795035)

Conversions

Conversions Part 1

Format	Color
Hex	C33C9B
RGB	195, 60, 155
RGB Percent	76%, 24%, 61%
CMY	0.2353, 0.7647, 0.3922
CMYK	0.00, 0.69, 0.21, 0.24
HSL	318°, 53%, 50%
HSV	318°, 69%, 76%
XYZ	30.0379, 17.2004, 32.7472
YIQ	111.1950, 49.9650, 58.1650

Conversions

Conversions Part 2

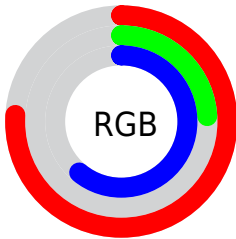
Format	Color
R_{YB}	195, 60, 155
Decimal	12795035
CIE _{Lab}	48.51, 62.51, -22.77
CIE _{LCh}	49, 66.528, 339.983
Yxy	17.2004, 0.3755, 0.2150
Android (android.graphics.Color)	4290985115 (0xFFC33C9B)
YUV	111.1950, 21.5959, 73.4970
Hunter-Lab	41.4733, 56.7040, -17.7838

Details

The Decimal color **12795035** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3982180**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16742098**, and **8978536** is the 20% darker color. If you saturate the color by 10%, you get **12790165**, and if you desaturate by 10%, it is **12800161**.

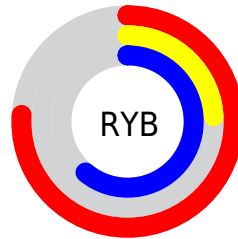
Distribution



Red (76%)

Green (24%)

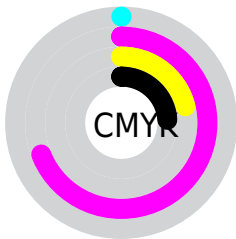
Blue (61%)



Red (76%)

Yellow (24%)

Blue (61%)

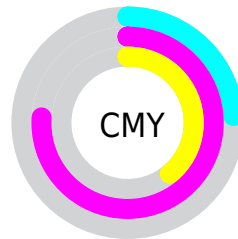


Cyan (0%)

Magenta (69%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12795035 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 12795035 by changing the saturation by 10% instead.

 12795035

 12795035

16777215

 10885505

 16742098

 8978536

 16749294

 7143503

 16756479

 5374008

 16763903

 3735587

 16771327

 1572872

 0

 12795035

 12795035

 12790165

 12800161

12785039

12805031

12780170

12810156

12779657

12815026

12820152

12825022

12830147

12835017

12840143

Harmonies

Analogous

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



9133002



12795035



13971555

Triad

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



12795035



8025856



35771

Complementary

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



12795035



3982180

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.



35973



12795035



3834630

Square

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



12795035



11100672



35402



34013

Rectangle

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



12795035



13712703



35402



36010

Sweetspot

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



12795035



16566253



6438083



8413302



0



8421504

Same Dimension

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



12795035



16526270



12794969



6379358



10551409



2162711

Inverse Universe

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



12795035



16526270



3982246



6379358



10551409



2162711

Previews

White Background



This preview shows how the Decimal color 12795035 looks on a white background.

Color Contrast Check

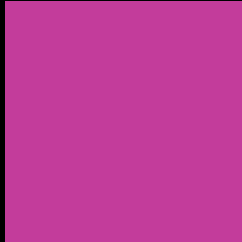
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12795035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

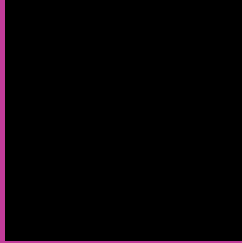
Any Text WCAG AA × Fail

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 12795035 Background



This preview shows how black text looks on a background with the Decimal color 12795035.



This preview shows how white text looks on a background with the Decimal color 12795035.

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
12795035



Protanomaly
8019638



Deuteranomaly
9330326



Tritanomaly
12536174

Monochromacy



Original Color
12795035



Achromatopsia
7303023



Achromatomaly
9329791

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12795035 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 #C33C9B looks like.

```
.text, #text, p{  
    color:#C33C9B  
}
```

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 #C33C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33C9B
}
```

Border

The CSS property to change the border of an element to Decimal 12795035 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
#C33C9B }
```

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

```
.border{ border-color:#C33C9B }
```

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

Here you see how a box with a 4 pixel #C33C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33C9B; -webkit-box-shadow:4px 4px  
4px 4px #C33C9B; box-shadow:4px 4px 4px  
4px #C33C9B }
```

Background

The CSS property to change the background color of an element to Decimal 12795035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33C9B }
```

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

```
.background{ background-color:#C33C9B }
```

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