

Converting Colors

Decimal(12797017)

Have a look what the booklet for
Decimal(12797017) contains.

Decimal(12797017)	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(12797017)

Conversions

Conversions Part 1

Format	Color
Hex	C34459
RGB	195, 68, 89
RGB Percent	76%, 27%, 35%
CMY	0.2353, 0.7333, 0.6510
CMYK	0.00, 0.65, 0.54, 0.24
HSL	350°, 51%, 52%
HSV	350°, 65%, 76%
XYZ	26.3760, 16.4576, 11.2377
YIQ	108.3670, 68.9510, 33.4550

Conversions

Conversions Part 2

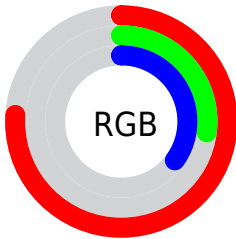
Format	Color
R_{YB}	195, 68, 89
Decimal	12797017
CIE _{Lab}	47.57, 52.13, 15.79
CIE _{LCh}	48, 54.465, 16.850
Yxy	16.4576, 0.4878, 0.3044
Android (android.graphics.Color)	4290987097 (0xFFC34459)
YUV	108.3670, -9.5479, 75.9771
Hunter-Lab	40.5680, 45.0609, 11.9738

Details

The Decimal color **12797017** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **4506542**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16743307**, and **8912940** is the 20% darker color. If you saturate the color by 10%, you get **12792137**, and if you desaturate by 10%, it is **12802153**.

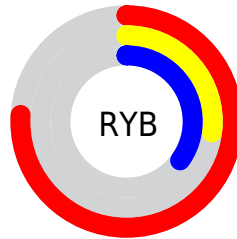
Distribution



Red (76%)

Green (27%)

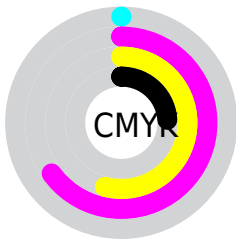
Blue (35%)



Red (76%)

Yellow (27%)

Blue (35%)

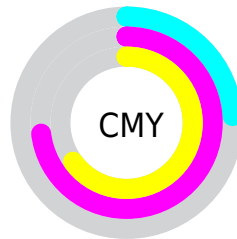


Cyan (0%)

Magenta (65%)

Yellow (54%)

Black (24%)



Cyan (24%)















Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12797017 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 12797017 by changing the saturation by 10% instead.

 12797017	 12797017
 16777215	 10823490
 16743307	 8912940
 16750245	 6946840
 16757440	 5111808
 16764892	 3342338
 16772344	 0

 12797017	 12797017
 12792137	 12802153
 12787000	 12807034

 12782120

 12812170

 12779552

 12817050

 12822186

 12827067

 12832203

 12837083

 12841963

Harmonies

Analogous

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



12142215



12797017



11949103

Triad

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



12797017



3637293



31946

Complementary

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



12797017



4506542

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.



33971



12797017



34138

Square

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



12797017



7304963



34442



4550089

Rectangle

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



12797017



10707221



34442



32709

Sweetspot

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



12797017



16566994



11420867



8413542



0



8421504

Same Dimension

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



12797017



16529496



12807748



6379353



10551323



2162693

Inverse Universe

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



12797017



16529496



4495811



6379353



10551323



2162693

Previews

White Background



This preview shows how the Decimal color 12797017 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 12797017 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 12797017 Background



This preview shows how black text looks on a background with the Decimal color 12797017.



This preview shows how white text looks on a background with the Decimal color 12797017.

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



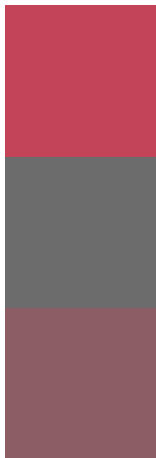
Original Color
12797017

Protanomaly
9527655

Deuteranomaly
10247765

Tritanomaly
12731984

Monochromacy



Original Color
12797017

Achromatopsia
7105644

Achromatomaly
9198949

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12797017 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 #C34459 looks like.

```
.text, #text, p{  
  color:#C34459  
}
```

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 #C34459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34459
}
```

Border

The CSS property to change the border of an element to Decimal 12797017 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
#C34459 }
```

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

```
.border{ border-color:#C34459 }
```

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

Here you see how a box with a 4 pixel #C34459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34459; -webkit-box-shadow:4px 4px  
4px 4px #C34459; box-shadow:4px 4px 4px  
4px #C34459 }
```

Background

The CSS property to change the background color of an element to Decimal 12797017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34459 }
```

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

```
.background{ background-color:#C34459 }
```

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