

Converting Colors

Decimal(13727917)

Have a look what the booklet for
Decimal(13727917) contains.

Decimal(13727917)	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(13727917)

Conversions

Conversions Part 1

Format	Color
Hex	D178AD
RGB	209, 120, 173
RGB Percent	82%, 47%, 68%
CMY	0.1804, 0.5294, 0.3216
CMYK	0.00, 0.43, 0.17, 0.18
HSL	324°, 49%, 65%
HSV	324°, 43%, 82%
XYZ	40.5538, 30.0054, 43.1894
YIQ	152.6530, 36.0310, 35.3510

Conversions

Conversions Part 2

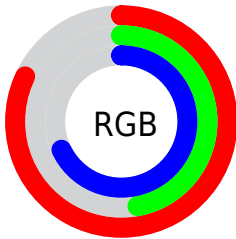
Format	Color
R_{YB}	209, 120, 173
Decimal	13727917
CIE _{Lab}	61.66, 41.68, -13.06
CIE _{LCh}	62, 43.676, 342.608
Yxy	30.0054, 0.3565, 0.2638
Android (android.graphics.Color)	4291917997 (0xFFD178AD)
YUV	152.6530, 10.0311, 49.4163
Hunter-Lab	54.7772, 36.2909, -8.4035

Details

The Decimal color **13727917** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7917980**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16756452**, and **10044537** is the 20% darker color. If you saturate the color by 10%, you get **13722533**, and if you desaturate by 10%, it is **13733301**.

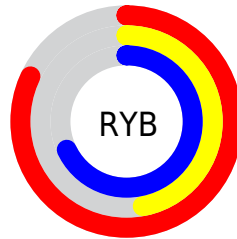
Distribution



Red (82%)

Green (47%)

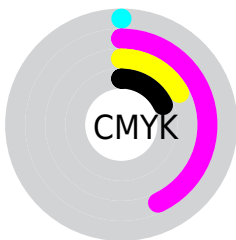
Blue (68%)



Red (82%)

Yellow (47%)

Blue (68%)

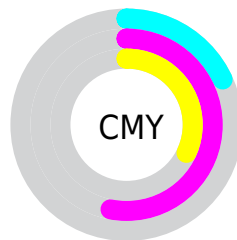


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13727917 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 13727917 by changing the saturation by 10% instead.

 13727917

 13727917

16777215

 11886226

 16756452

 10044537

 16763647


 8203104

 16771071

 6491720

 4784177

 3276829

 917504

 0

 13727917

 13727917

13722533

13733301

13717148

13738686

13711764

13744070

13706379

13749455

13701251

13754583

13697148

13759968

13762536

13762545

13762553

Harmonies

Analogous

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



11371726



13727917



14579078

Triad

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



13727917



10262599



42696

Complementary

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



13727917



7917980

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.



43429



13727917



7512666

Square

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



13727917



12553035



3712892



40926

Rectangle

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



13727917



14383469



3712892



43197

Sweetspot

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



13727917



16768754



10254545



8416119



0



8421504

Same Dimension

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



13727917



16743882



13727873



6905444



11010148



2687000

Inverse Universe

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



13727917



16743882



7918024



6905444



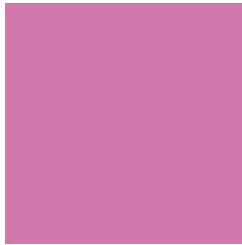
11010148



2687000

Previews

White Background



This preview shows how the Decimal color 13727917 looks on a white background.

Color Contrast Check

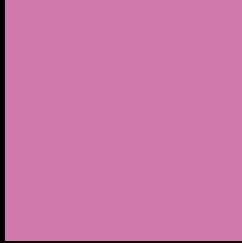
Large Text (above 18pt) WCAG AA ✓ Pass

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 13727917 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 ✓ Pass

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

Decimal 13727917 Background



This preview shows how black text looks on a background with the Decimal color 13727917.




This preview shows how white text looks on a background with the Decimal color 13727917.

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
13467529

Trichromacy



Original Color
13727917



Protanomaly
10783417



Deuteranomaly
11503786

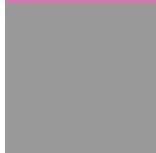


Tritanomaly
13532310

Monochromacy



Original Color
13727917



Achromatopsia
10066329



Achromatomaly
11373984

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13727917 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 #D178AD looks like.

```
.text, #text, p{  
    color:#D178AD  
}
```

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 #D178AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D178AD
}
```

Border

The CSS property to change the border of an element to Decimal 13727917 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
#D178AD }
```

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

```
.border{ border-color:#D178AD }
```

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

Here you see how a box with a 4 pixel #D178AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D178AD; -webkit-box-shadow:4px 4px  
4px 4px #D178AD; box-shadow:4px 4px 4px  
4px #D178AD }
```

Background

The CSS property to change the background color of an element to Decimal 13727917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D178AD }
```

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

```
.background{ background-color:#D178AD }
```

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