

Converting Colors

Decimal(13136794)

Have a look what the booklet for
Decimal(13136794) contains.

| | |
|------------------------------------------------|----|
| Decimal(13136794) | 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(13136794)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C8739A |
| RGB | 200, 115, 154 |
| RGB Percent | 78%, 45%, 60% |
| CMY | 0.2157, 0.5490, 0.3961 |
| CMYK | 0.00, 0.43, 0.23, 0.22 |
| HSL | 332°, 44%, 62% |
| HSV | 332°, 42%, 78% |
| XYZ | 35.7829, 26.8739, 33.8731 |
| YIQ | 144.8610, 38.1410, 30.1490 |

Conversions

Conversions Part 2

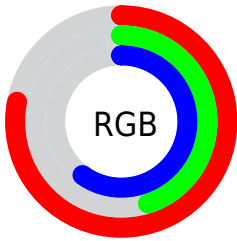
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 200, 115, 154 |
| Decimal | 13136794 |
| CIE Lab | 58.86, 38.37, -6.45 |
| CIE LCh | 59, 38.912, 350.455 |
| Yxy | 26.8739, 0.3707, 0.2784 |
| Android (android.graphics.Color) | 4291326874 (0xFFC8739A) |
| YUV | 144.8610, 4.5055, 48.3569 |
| Hunter-Lab | 51.8401, 32.4905, -2.4529 |

Details

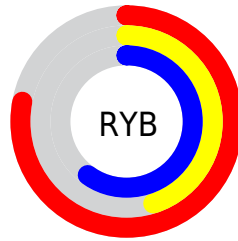
The Decimal color **13136794** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7588001**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16755152**, and **9453671** is the 20% darker color. If you saturate the color by 10%, you get **13131663**, and if you desaturate by 10%, it is **13141925**.

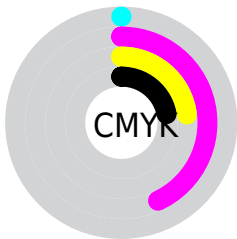
Distribution



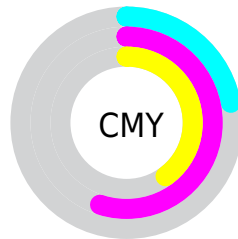
- Red (78%)
- Green (45%)
- Blue (60%)



- Red (78%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13136794 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 13136794 by changing the saturation by 10% instead.

 13136794

 13136794

16777215

 11295104

 16755152

 9453671

 16762093

 7677775

 16769535


 5966392

16776959


 4259875


 2883596

 0


 13136794

 13136794


 13131663

 13141925


 13126532


 13147056

 13121402

 13152186


 13116271

 13157317

 13111140


 13162448

 13107292

 13167579

 13172710

 13172721

 13172731

Harmonies

Analogous

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



11435193



13136794



13595512

Triad

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



13136794



9212748



40129

Complementary

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



13136794



7588001

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.



40868



13136794



6593377

Square

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



13136794



11307082



3121025



4035792

Rectangle

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



13136794



13269091



3121025



40377

Sweetspot

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



13136794



16768749



10515400



8416116



0



8421504

Same Dimension

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



13136794



16743865



13137523



6511198



10682443



2359312

Inverse Universe

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



13136794



16743865



7587272



6511198



10682443



2359312

Previews

White Background



This preview shows how the Decimal color 13136794 looks on a white background.

Color Contrast Check

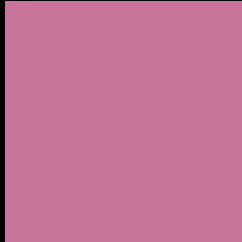
Large Text (above 18pt) WCAG AA ✓ Pass

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 13136794 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 13136794 Background



This preview shows how black text looks on a background with the Decimal color 13136794.



This preview shows how white text looks on a background with the Decimal color 13136794.

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
12941441

Trichromacy



Original Color
13136794

Protanomaly
10454181

Deuteranomaly
11109015

Tritanomaly
13006474

Monochromacy



Original Color
13136794

Achromatopsia
9539985

Achromatomaly
10847892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13136794 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 #C8739A looks like.

```
.text, #text, p{  
    color:#C8739A  
}
```

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 #C8739A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8739A
}
```

Border

The CSS property to change the border of an element to Decimal 13136794 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
#C8739A }
```

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

```
.border{ border-color:#C8739A }
```

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

Here you see how a box with a 4 pixel #C8739A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8739A; -webkit-box-shadow:4px 4px  
4px 4px #C8739A; box-shadow:4px 4px 4px  
4px #C8739A }
```

Background

The CSS property to change the background color of an element to Decimal 13136794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8739A }
```

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

```
.background{ background-color:#C8739A }
```

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