

Converting Colors

Decimal(13587394)

Have a look what the booklet for
Decimal(13587394) contains.

Decimal(13587394)	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(13587394)

Conversions

Conversions Part 1

Format	Color
Hex	CF53C2
RGB	207, 83, 194
RGB Percent	81%, 33%, 76%
CMY	0.1882, 0.6745, 0.2392
CMYK	0.00, 0.60, 0.06, 0.19
HSL	306°, 56%, 57%
HSV	306°, 60%, 81%
XYZ	38.5630, 23.3470, 53.5129
YIQ	132.7300, 38.2730, 60.8090

Conversions

Conversions Part 2

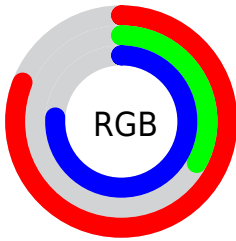
Format	Color
R_{YB}	207, 83, 194
Decimal	13587394
CIE _{Lab}	55.43, 62.27, -34.68
CIE _{LCh}	55, 71.279, 330.886
Yxy	23.3470, 0.3341, 0.2023
Android (android.graphics.Color)	4291777474 (0xFFCF53C2)
YUV	132.7300, 30.2061, 65.1348
Hunter-Lab	48.3187, 57.9026, -31.8405

Details

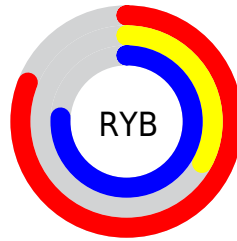
The Decimal color **13587394** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5492576**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16747515**, and **9834892** is the 20% darker color. If you saturate the color by 10%, you get **13582016**, and if you desaturate by 10%, it is **13592772**.

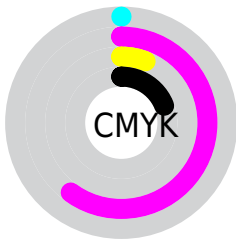
Distribution



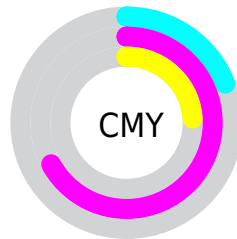
- Red (81%)
- Green (33%)
- Blue (76%)



- Red (81%)
- Yellow (33%)
- Blue (76%)



- Cyan (0%)
- Magenta (60%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13587394 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 13587394 by changing the saturation by 10% instead.

 13587394

 13587394

16777215

 11679399

 16747515

 9834892

 16754687

 7995506

 16762111

 6160473

 16769535

 4390977

 2752555

 276

 0

 13587394

 13587394

13582016

13592772

13576894

13597894

13571515

13603273

13566137

13608651

13614029

13619151

13624529

13629907

13631446

Harmonies

Analogous

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



8549360



13587394



15678854

Triad

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



13587394



10388224



41155

Complementary

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



13587394



5492576

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.



41093



13587394



6329088

Square

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



13587394



13527558



40004



39665

Rectangle

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



13587394



15745885



40004



41135

Sweetspot

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



13587394



16765434



6247375



8414077



0



8421504

Same Dimension

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



13587394



16730092



13587333



6905447



11010199



2687013

Inverse Universe

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



13587394



16730092



5492637



6905447



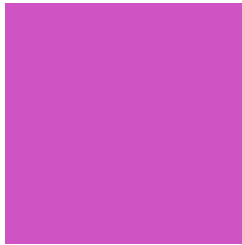
11010199



2687013

Previews

White Background



This preview shows how the Decimal color 13587394 looks on a white background.

Color Contrast Check

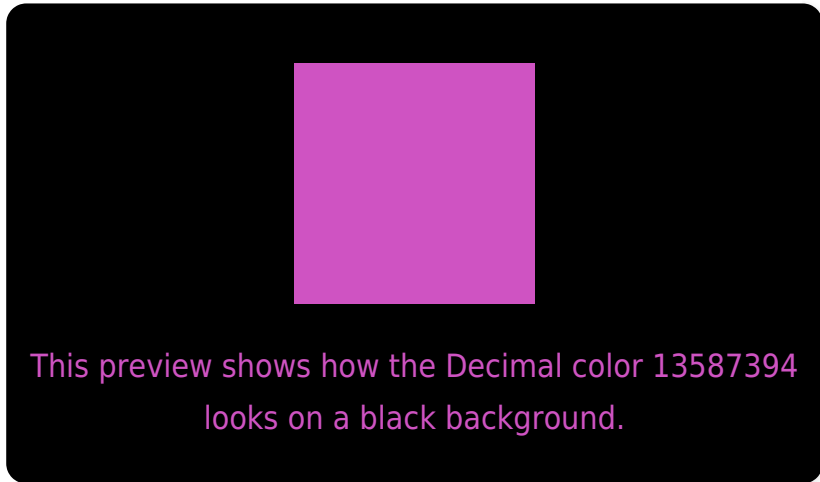
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

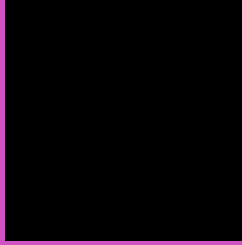
Any Text WCAG AA ✓ Pass

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 13587394 Background



This preview shows how black text looks on a background with the Decimal color 13587394.

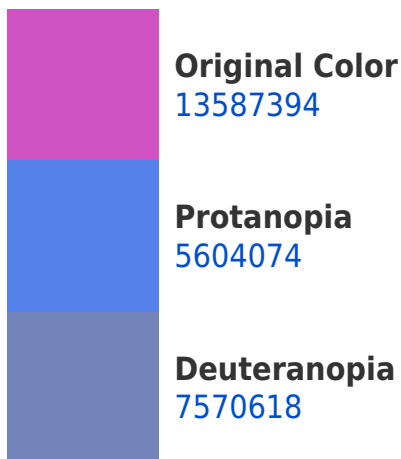



This preview shows how white text looks on a background with the Decimal color 13587394.

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
13003120

Trichromacy



Original Color
13587394



Protanomaly
8483291



Deuteranomaly
9728701



Tritanomaly
13197710

Monochromacy



Original Color
13587394



Achromatopsia
8750469



Achromatomaly
10515355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13587394 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 #CF53C2 looks like.

```
.text, #text, p{  
    color:#CF53C2  
}
```

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 #CF53C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF53C2
}
```

Border

The CSS property to change the border of an element to Decimal 13587394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

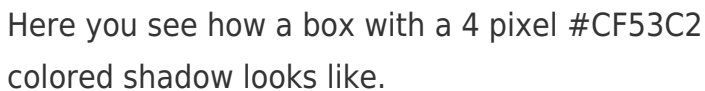
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF53C2 }
```

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

```
.border{ border-color:#CF53C2 }
```

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



Here you see how a box with a 4 pixel `#CF53C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF53C2; -webkit-box-shadow:4px 4px  
4px 4px #CF53C2; box-shadow:4px 4px 4px  
4px #CF53C2 }
```

Background

The CSS property to change the background color of an element to Decimal 13587394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF53C2 }
```

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

```
.background{ background-color:#CF53C2 }
```

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