

Converting Colors

Decimal(13542120)

Have a look what the booklet for
Decimal(13542120) contains.

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Color

Decimal(13542120)

Conversions

Conversions Part 1	
Format	Color
Hex	CEA2E8
RGB	206, 162, 232
RGB Percent	81%, 64%, 91%
CMY	0.1922, 0.3647, 0.0902
CMYK	0.11, 0.30, 0.00, 0.09
HSL	278°, 60%, 77%
HSV	278°, 30%, 91%
XYZ	52.9394, 44.7887, 82.1988
YIQ	183.1360, 3.7540, 31.0980

Conversions

Conversions Part 2

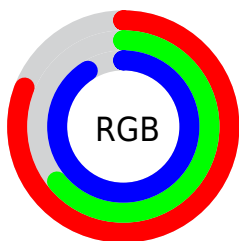
Format	Color
RYB	206, 162, 232
Decimal	13542120
CIELab	72.75, 28.83, -29.09
CIELCh	73, 40.956, 314.748
Yxy	44.7887, 0.2942, 0.2489
Android (android.graphics.Color)	4291732200 (0xFFCEA2E8)
YUV	183.1360, 24.0900, 20.0517
Hunter-Lab	66.9243, 24.0820, -25.9750

Details

The Decimal color **13542120** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12380322**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16767487**, and **9924272** is the 20% darker color. If you saturate the color by 10%, you get **12946408**, and if you desaturate by 10%, it is **14137832**.

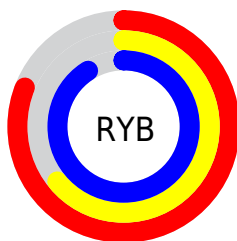
Distribution



Red (81%)

Green (64%)

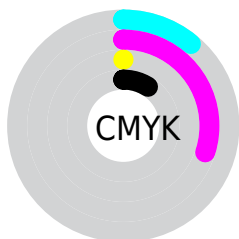
Blue (91%)



Red (81%)

Yellow (64%)

Blue (91%)

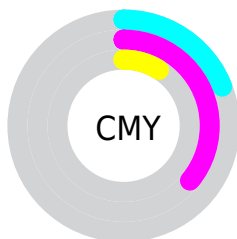


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (19%)

Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13542120 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 13542120 by changing the saturation by 10% instead.

 13542120

16777215

 16767487

 16774911

 13542120

 11700428

 9924272

 8148373

 6503803

 4859490

 3280970

 1900595

 541

 0

 13542120

 13542120

 12946408

 14137832

 12416232

 14668008

 11820264

 15263976

 11290088

 15794152

 10694376

 16383976

 10098664

 16777192

 9568488

Harmonies

Analogous

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



10137851



13542120



15701959

Triad

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



13542120



14396010



1623748

Complementary

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



13542120



12380322

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.



6210974



13542120



12170857

Square

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



13542120



15965567



9420924



50150

Rectangle

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



13542120



16422318



9420924



3524279

Sweetspot

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



13542120



16181503



10665448



8024448



0



8421504

Same Dimension

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



13542120



14525439



15246048



7235443



7340211



2097203

Inverse Universe

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



15246012



16753605



10676394



7563116



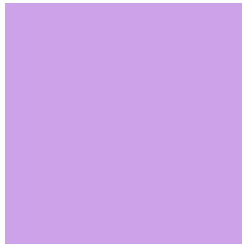
11731010



3342355

Previews

White Background



This preview shows how the Decimal color 13542120 looks on a white background.

Color Contrast Check

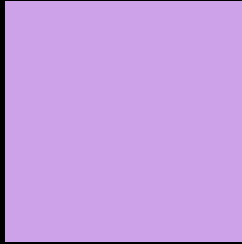
Large Text (above 18pt) WCAG AA × Fail

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 13542120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

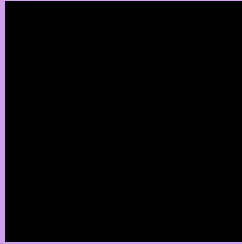
Any Text WCAG AA ✓ Pass

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 13542120 Background



This preview shows how black text looks on a background with the Decimal color 13542120.



This preview shows how white text looks on a background with the Decimal color 13542120.

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



Original Color

13542120

Protanopia

10531059



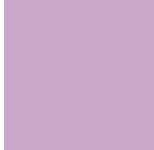
Deuteranopia

11120613




Tritanopia
13085625

Trichromacy

	Original Color 13542120
	Protanomaly 11643887
	Deuteranomaly 11971302
	Tritanomaly 13281482

Monochromacy

	Original Color 13542120
	Achromatopsia 12040119
	Achromatomaly 12562377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13542120 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 #CEA2E8 looks like.

```
.text, #text, p{  
    color:#CEA2E8  
}
```

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 #CEA2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA2E8
}
```

Border

The CSS property to change the border of an element to Decimal 13542120 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
#CEA2E8 }
```

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

```
.border{ border-color:#CEA2E8 }
```

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

Here you see how a box with a 4 pixel #CEA2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA2E8; -webkit-box-shadow:4px 4px  
4px 4px #CEA2E8; box-shadow:4px 4px 4px  
4px #CEA2E8 }
```

Background

The CSS property to change the background color of an element to Decimal 13542120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA2E8 }
```

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

```
.background{ background-color:#CEA2E8 }
```

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](#).

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