

Converting Colors

Decimal(14462456)

Have a look what the booklet for
Decimal(14462456) contains.

Decimal(14462456)	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(14462456)

Conversions

Conversions Part 1

Format	Color
Hex	DCADF8
RGB	220, 173, 248
RGB Percent	86%, 68%, 97%
CMY	0.1373, 0.3216, 0.0275
CMYK	0.11, 0.30, 0.00, 0.03
HSL	278°, 84%, 83%
HSV	278°, 30%, 97%
XYZ	61.4020, 51.8801, 95.5846
YIQ	195.6030, 3.9370, 33.2890

Conversions

Conversions Part 2

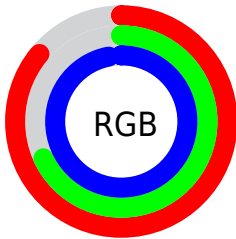
Format	Color
R _Y B	220, 173, 248
Decimal	14462456
CIE Lab	77.21, 30.47, -30.80
CIE LCh	77, 43.322, 314.695
Yxy	51.8801, 0.2940, 0.2484
Android (android.graphics.Color)	4292652536 (0xFFDCADF8)
YUV	195.6030, 25.8317, 21.3962
Hunter-Lab	72.0278, 26.1184, -28.2613

Details

The Decimal color **14462456** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13236397**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16770559**, and **10778815** is the 20% darker color. If you saturate the color by 10%, you get **13866232**, and if you desaturate by 10%, it is **15058680**.

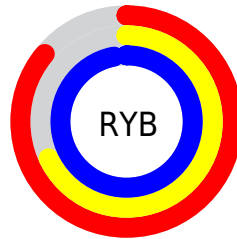
Distribution



Red (86%)

Green (68%)

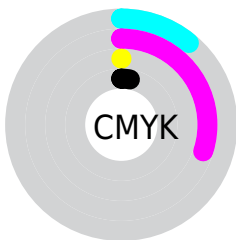
Blue (97%)



Red (86%)

Yellow (68%)

Blue (97%)

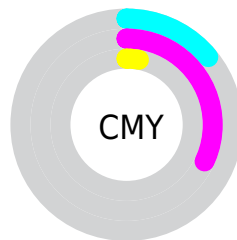


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14462456 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 14462456 by changing the saturation by 10% instead.

 14462456

 14462456

16777215

 12620507

 16770559

 10778815

 9002916

 7292810

 5648240

 4003927

 2425407

 852009

 275

 14462456

 14462456

 13866232

 15058680

 13204472

 15720440

 12608504


 16316408

 12012280

 16777208

 11416056

 10754296

 10158328

Harmonies

Analogous

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



10796287



14462456



16753365

Triad

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



14462456



15381873



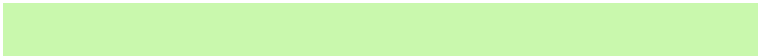
1430738

Complementary

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



14462456



13236397

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.



6607784



14462456



12960624

Square

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



14462456



16754824



10014084



53750

Rectangle

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



14462456



16752570



10014084



3658948

Sweetspot

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



14462456



16181503



11389688



8024448



0



8421504

Same Dimension

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



14462456



14525439



16297455



7893117



7733437



2490429

Inverse Universe

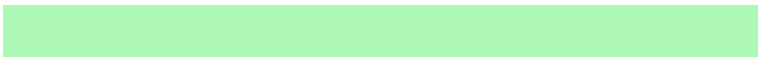
The Inverse Universe completely reimagines the original color for something new.



16297417



16753605



11401398



8220789



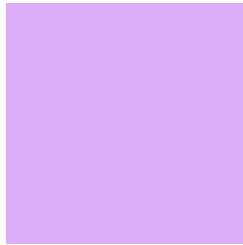
12386374



3997719

Previews

White Background



This preview shows how the Decimal color 14462456 looks on a white background.

Color Contrast Check

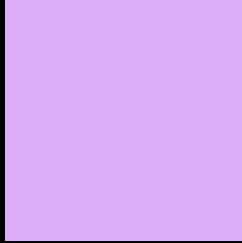
Large Text (above 18pt) WCAG AA × Fail

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 14462456 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 14462456 Background



This preview shows how black text looks on a background with the Decimal color 14462456.



This preview shows how white text looks on a background with the Decimal color 14462456.

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
14462456

Protanopia
11320831

Deuteranopia
11910133



Tritanopia
13940677

Trichromacy



Original Color

14462456



Protanomaly

12433404



Deuteranomaly

12826358



Tritanomaly

14136280

Monochromacy



Original Color

14462456



Achromatopsia

12895428



Achromatomaly

13483223

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14462456 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 #DCADF8 looks like.

```
.text, #text, p{  
    color:#DCADF8  
}
```

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 #DCADF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCADF8
}
```

Border

The CSS property to change the border of an element to Decimal 14462456 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
#DCADF8 }
```

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

```
.border{ border-color:#DCADF8 }
```

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

Here you see how a box with a 4 pixel #DCADF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCADF8; -webkit-box-shadow:4px 4px  
4px 4px #DCADF8; box-shadow:4px 4px 4px  
4px #DCADF8 }
```

Background

The CSS property to change the background color of an element to Decimal 14462456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCADF8 }
```

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

```
.background{ background-color:#DCADF8 }
```

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