

# Converting Colors

Decimal(14509021)

Have a look what the booklet for  
Decimal(14509021) contains.

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# **Color**

**Decimal(14509021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD63DD
RGB	221, 99, 221
RGB Percent	87%, 39%, 87%
CMY	0.1333, 0.6118, 0.1333
CMYK	0.00, 0.55, 0.00, 0.13
HSL	300°, 64%, 63%
HSV	300°, 55%, 87%
XYZ	47.3318, 29.5163, 71.6092
YIQ	149.3860, 33.5500, 63.8060

# Conversions

## Conversions Part 2

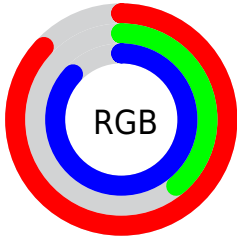
Format	Color
R <sub>YB</sub>	221, 99, 221
Decimal	14509021
CIE Lab	61.23, 63.41, -40.76
CIE LCh	61, 75.381, 327.264
Yxy	29.5163, 0.3188, 0.1988
Android (android.graphics.Color)	4292699101 (0xFFDD63DD)
YUV	149.3860, 35.3057, 62.8055
Hunter-Lab	54.3289, 60.4351, -40.1180

# Details

The Decimal color **14509021** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6544739**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16751615**, and **10692773** is the 20% darker color. If you saturate the color by 10%, you get **14503389**, and if you desaturate by 10%, it is **14514653**.

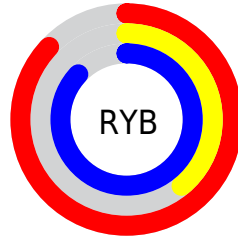
# Distribution



Red (87%)

Green (39%)

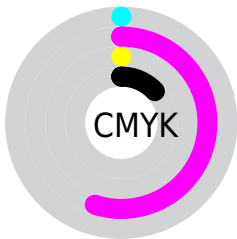
Blue (87%)



Red (87%)

Yellow (39%)

Blue (87%)

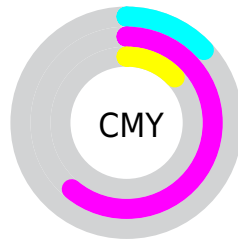


Cyan (0%)

Magenta (55%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (61%)

















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14509021 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 14509021 by changing the saturation by 10% instead.



 14509021	 14509021
 16777215	 12601281
 16751615	 10692773
 16759039	 8847499
 16766463	 7012465
 16773887	 5242968
	 3604544
	 1703977
	 274
	 0

 14509021

 14509021

 14503389

 14514653

 14497757

 14520285

 14492125

 14525917

 14486493

 14531549

 14483677

 14537437

 14543069

 14548701

 14548957

# Harmonies

## Analogous

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



8553983



14509021



16730525

# Triad

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



14509021



12029696



45519

# Complementary

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



14509021



6544739

# 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.



45451



14509021



7774720

# Square

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



14509021



15233819



44102



44287

# Rectangle

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



14509021



16731248



44102



45754



# Sweetspot

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



14509021



16766207



6513629



8414848



0



8421504



# Same Dimension

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



14509021



16734207



14508960



7234414



11337901



3014702



# Inverse Universe

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



14509021



16734207



6544800



7234414



11337901

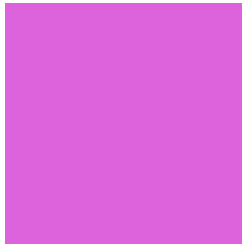


3014702



# Previews

## White Background



This preview shows how the Decimal color 14509021 looks on a white background.

## Color Contrast Check

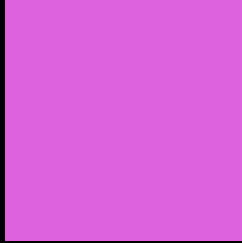
Large Text (above 18pt) WCAG AA ✓ Pass

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 14509021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

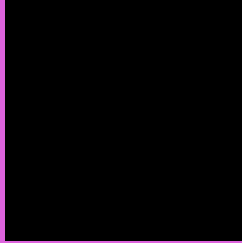
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14509021 Background



This preview shows how black text looks on a background with the Decimal color 14509021.



This preview shows how white text looks on a background with the Decimal color 14509021.

# 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**  
13793923

# Trichromacy



**Original Color**  
14509021



**Protanomaly**  
9404659



**Deuteranomaly**  
10453720



**Tritanomaly**  
14054052

# Monochromacy



**Original Color**  
14509021



**Achromatopsia**  
9803157



**Achromatomaly**  
11502511

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14509021 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 #DD63DD looks like.

```
.text, #text, p{  
    color:#DD63DD  
}
```

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 #DD63DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD63DD
}
```

## Border

The CSS property to change the border of an element to Decimal 14509021 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
#DD63DD }
```

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

```
.border{ border-color:#DD63DD }
```

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

Here you see how a box with a 4 pixel #DD63DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD63DD; -webkit-box-shadow:4px 4px  
4px 4px #DD63DD; box-shadow:4px 4px 4px  
4px #DD63DD }
```

# Background

The CSS property to change the background color of an element to Decimal 14509021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD63DD }
```

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

```
.background{ background-color:#DD63DD }
```

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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