

# Converting Colors

Decimal(14635443)

Have a look what the booklet for  
Decimal(14635443) contains.

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# Color

**Decimal(14635443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF51B3
RGB	223, 81, 179
RGB Percent	87%, 32%, 70%
CMY	0.1255, 0.6824, 0.2980
CMYK	0.00, 0.64, 0.20, 0.13
HSL	319°, 69%, 60%
HSV	319°, 64%, 87%
XYZ	41.5105, 24.8275, 45.2522
YIQ	134.6300, 53.1740, 60.5820

# Conversions

## Conversions Part 2

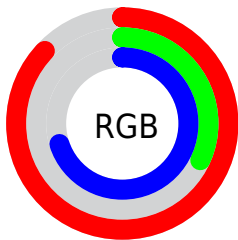
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 81, 179
Decimal	14635443
CIE <sub>Lab</sub>	56.91, 65.10, -23.55
CIE <sub>LCh</sub>	57, 69.228, 340.111
Yxy	24.8275, 0.3720, 0.2225
Android (android.graphics.Color)	4292825523 (0xFFDF51B3)
YUV	134.6300, 21.8744, 77.5005
Hunter-Lab	49.8272, 61.5089, -18.9671

# Details

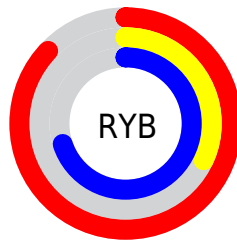
The Decimal color **14635443** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **5365629**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16747243**, and **10748798** is the 20% darker color. If you saturate the color by 10%, you get **14629804**, and if you desaturate by 10%, it is **14641082**.

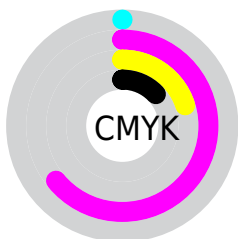
# Distribution



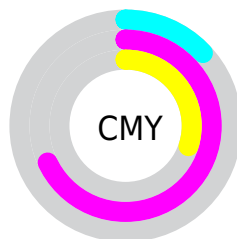
- Red (87%)
- Green (32%)
- Blue (70%)



- Red (87%)
- Yellow (32%)
- Blue (70%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14635443 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 14635443 by changing the saturation by 10% instead.



 14635443

 14635443

16777215

 12661400

 16747243

 10748798

 16754687

 8912997

 16762111

 7012429

 16769535

 5242934

 3538976

 1245187

 0

 14635443

 14635443

 14629804

 14641082

 14623909

 14646977

 14618270

 14652616

 14614682

 14658255

 14664150

 14669788

 14675427

 14680042

 14680049

# Harmonies

## Analogous

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



10776550



14635443



15943287

# Triad

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



14635443



9538560



41685

# Complementary

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



14635443



5365629

# 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.



42140



14635443



5151262

# Square

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



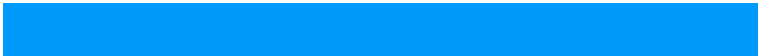
14635443



12875520



41309



39674

# Rectangle

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



14635443



15618640



41309



41924



# Sweetspot

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



14635443



16764912



8147423



8413814



0



8421504



# Same Dimension

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



14635443



16727491



14635373



7365997



11534457



3145761



# Inverse Universe

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



14635443



16727491



5365699



7365997



11534457



3145761



# Previews

## White Background



This preview shows how the Decimal color 14635443 looks on a white background.

## Color Contrast Check

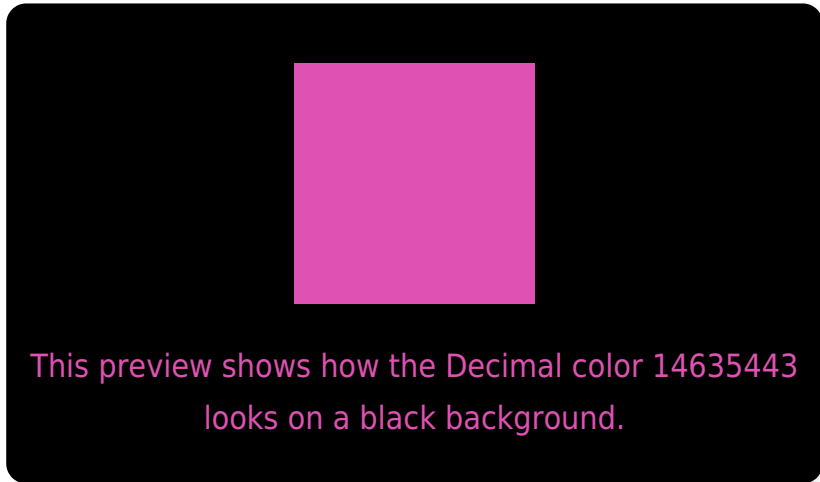
Large Text (above 18pt) WCAG AA ✓ Pass

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 14635443 Background



This preview shows how black text looks on a background with the Decimal color 14635443.




This preview shows how white text looks on a background with the Decimal color 14635443.

# 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**  
14181483

# Trichromacy



**Original Color**  
14635443



**Protanomaly**  
9663438



**Deuteranomaly**  
10908590



**Tritanomaly**  
14376325

# Monochromacy



**Original Color**  
14635443



**Achromatopsia**  
8882055



**Achromatomaly**  
10974103

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14635443 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 #DF51B3 looks like.

```
.text, #text, p{  
    color:#DF51B3  
}
```

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 #DF51B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF51B3
}
```

## Border

The CSS property to change the border of an element to Decimal 14635443 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
#DF51B3 }
```

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

```
.border{ border-color:#DF51B3 }
```

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

Here you see how a box with a 4 pixel #DF51B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF51B3; -webkit-box-shadow:4px 4px  
4px 4px #DF51B3; box-shadow:4px 4px 4px  
4px #DF51B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14635443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF51B3 }
```

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

```
.background{ background-color:#DF51B3 }
```

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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