

# Converting Colors

Decimal(13713291)

Have a look what the booklet for  
Decimal(13713291) contains.

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**Color**

**Decimal(13713291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D13F8B
RGB	209, 63, 139
RGB Percent	82%, 25%, 55%
CMY	0.1804, 0.7529, 0.4549
CMYK	0.00, 0.70, 0.33, 0.18
HSL	329°, 61%, 53%
HSV	329°, 70%, 82%
XYZ	32.7322, 18.9744, 26.3633
YIQ	115.3180, 62.6200, 54.5880

# Conversions

## Conversions Part 2

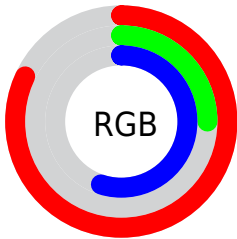
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 63, 139
Decimal	13713291
CIE <sub>Lab</sub>	50.66, 63.15, -9.73
CIE <sub>LCh</sub>	51, 63.898, 351.242
Yxy	18.9744, 0.4193, 0.2430
Android (android.graphics.Color)	4291903371 (0xFFD13F8B)
YUV	115.3180, 11.6752, 82.1591
Hunter-Lab	43.5596, 57.9017, -5.3920

# Details

The Decimal color **13713291** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4182405**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **16742848**, and **9830489** is the 20% darker color. If you saturate the color by 10%, you get **13707905**, and if you desaturate by 10%, it is **13718677**.

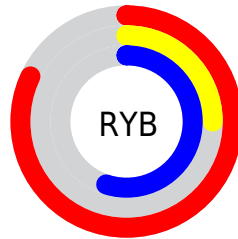
# Distribution



Red (82%)

Green (25%)

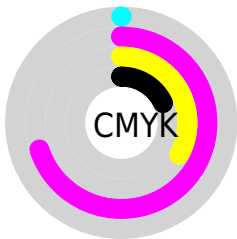
Blue (55%)



Red (82%)

Yellow (25%)

Blue (55%)

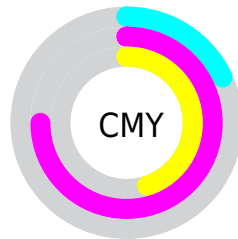


Cyan (0%)

Magenta (70%)

Yellow (33%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13713291 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 13713291 by changing the saturation by 10% instead.



 13713291

 13713291

16777215

 11738226

 16742848

 9830489

 16750044

 7929922

 16757497

 6094892

 16764927

 4390936

 16772607

 2424833

 0

 13713291

 13713291

 13707905

 13718677

13702519

13724063

13697133

13729449

13734835

13740221

13745351

13750737

13756123

13761509

# Harmonies

## Analogous

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



11163582



13713291



14172501

# Triad

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



13713291



7110912



36557

# Complementary

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



13713291



4182405

# 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.



37279



13713291



1674030

# Square

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



13713291



10449152



36966



34021

# Rectangle

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



13713291



13455411



36966



37056



# Sweetspot

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



13713291



16763365



8601553



8413296



0



8421504



# Same Dimension

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



13713291



16722328



13713220



6905444



11010136



2686997



# Inverse Universe

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



13713291



16722328



4182476



6905444



11010136



2686997



# Previews

## White Background



This preview shows how the Decimal color 13713291 looks on a white background.

## Color Contrast Check

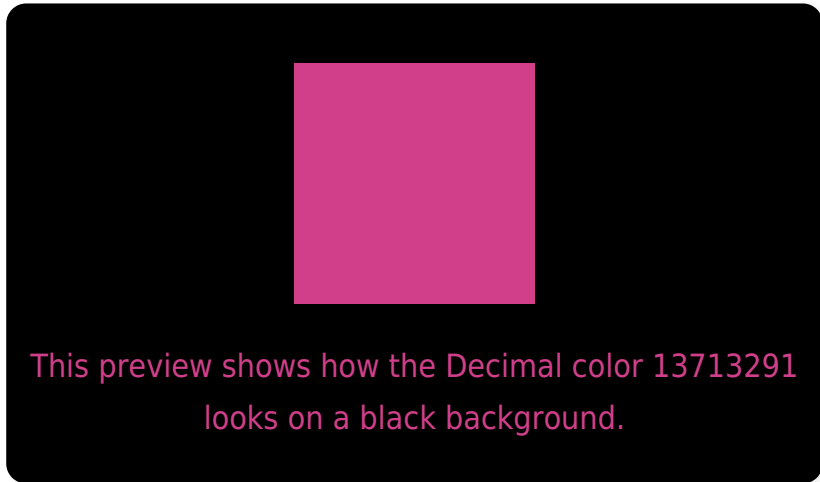
Large Text (above 18pt) WCAG AA ✓ Pass

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 13713291 Background



This preview shows how black text looks on a background with the Decimal color 13713291.




This preview shows how white text looks on a background with the Decimal color 13713291.

# 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](#).

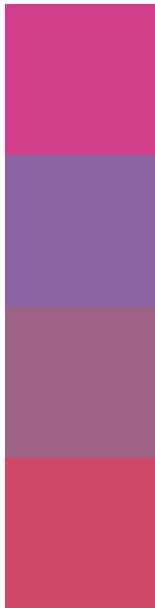
## Dichromacy





**Tritanopia**  
13454930

# Trichromacy



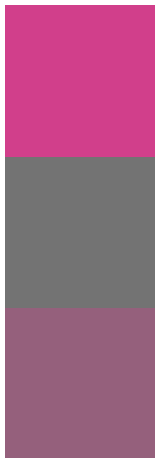
**Original Color**  
13713291

**Protanomaly**  
9266084

**Deuteranomaly**  
10314374

**Tritanomaly**  
13519207

# Monochromacy



**Original Color**  
13713291

**Achromatopsia**  
7566195

**Achromatomaly**  
9789564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13713291 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 #D13F8B looks like.

```
.text, #text, p{  
    color:#D13F8B  
}
```

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 #D13F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13F8B
}
```

## Border

The CSS property to change the border of an element to Decimal 13713291 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
#D13F8B }
```

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

```
.border{ border-color:#D13F8B }
```

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

Here you see how a box with a 4 pixel #D13F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13F8B; -webkit-box-shadow:4px 4px  
4px 4px #D13F8B; box-shadow:4px 4px 4px  
4px #D13F8B }
```

# Background

The CSS property to change the background color of an element to Decimal 13713291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13F8B }
```

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

```
.background{ background-color:#D13F8B }
```

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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