

# Converting Colors

Decimal(13395609)

Have a look what the booklet for  
Decimal(13395609) contains.

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# **Color**

**Decimal(13395609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC6699
RGB	204, 102, 153
RGB Percent	80%, 40%, 60%
CMY	0.2000, 0.6000, 0.4000
CMYK	0.00, 0.50, 0.25, 0.20
HSL	330°, 50%, 60%
HSV	330°, 50%, 80%
XYZ	35.4030, 24.6400, 33.0270
YIQ	138.3120, 44.4210, 37.4850

# Conversions

## Conversions Part 2

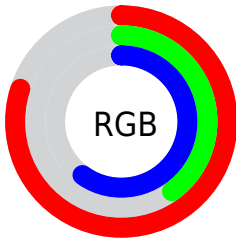
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 102, 153</a>
Decimal	<a href="#">13395609</a>
CIELab	<a href="#">56.72, 46.29, -9.00</a>
CIELCh	<a href="#">57, 47.157, 349.004</a>
Yxy	<a href="#">24.6400, 0.3804, 0.2647</a>
Android (android.graphics.Color)	<a href="#">4291585689</a> ( <a href="#">0xFFCC6699</a> )
YUV	<a href="#">138.3120, 7.2412, 57.6084</a>
Hunter-Lab	<a href="#">49.6387, 40.4408, -4.7014</a>

# Details

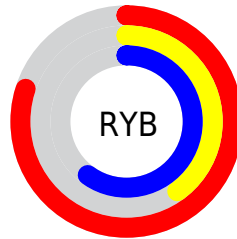
The Decimal color **13395609** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6737049**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16751823**, and **9646438** is the 20% darker color. If you saturate the color by 10%, you get **13390479**, and if you desaturate by 10%, it is **13400739**.

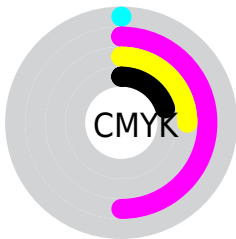
# Distribution



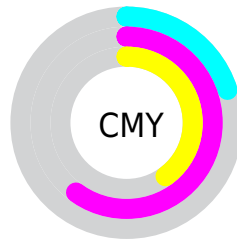
- Red (80%)
- Green (40%)
- Blue (60%)



- Red (80%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13395609 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 13395609 by changing the saturation by 10% instead.



 13395609

 13395609

16777215

 11488383

 16751823

 9646438

 16759020

 7869262

 16766207

 6094903

 16773631

 4325410

 2818058

 0

 13395609

 13395609

 13390479

 13400739

13385093

13406125

13379962

13411256

13374576

13416642

13369446

13421772

13426902

13432288

13434859

13434869

# Harmonies

## Analogous

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



11301822



13395609



13985392

# Triad

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



13395609



8818230



39365

# Complementary

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



13395609



6737049

# 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.



40098



13395609



5674832

# Square

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



13395609



11305269



40055



37336

# Rectangle

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



13395609



13528150



40055



39867



# Sweetspot

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



13395609



16767468



10053324



8415604



0



8421504



# Same Dimension

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



13395609



16737971



13395558



6708321



10879059



2490387



# Inverse Universe

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



13395609



16737971



6737100



6708321



10879059

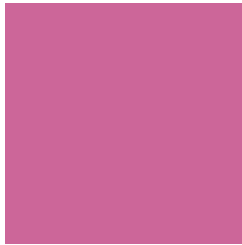


2490387



# Previews

## White Background



This preview shows how the Decimal color 13395609 looks on a white background.

## Color Contrast Check

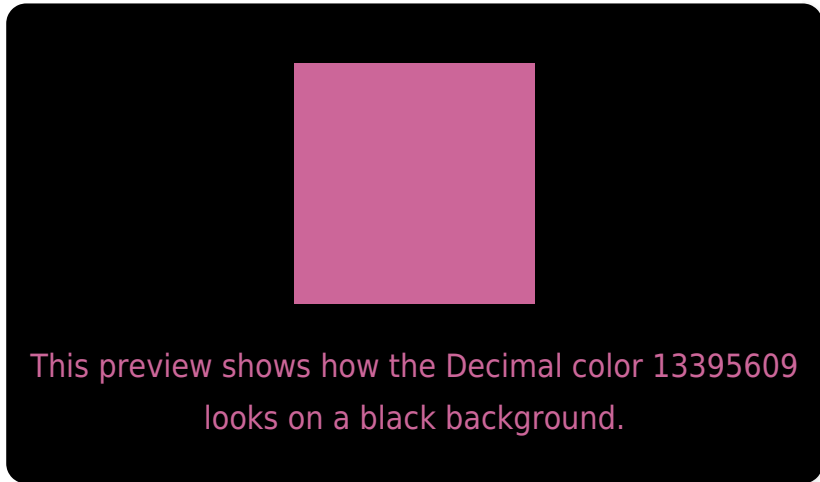
Large Text (above 18pt) WCAG AA ✓ Pass

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

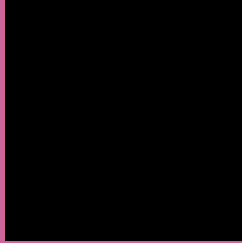
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13395609 Background



This preview shows how black text looks on a background with the Decimal color 13395609.



This preview shows how white text looks on a background with the Decimal color 13395609.

# 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





# Trichromacy



**Original Color**  
13395609



**Protanomaly**  
10124199



**Deuteranomaly**  
10910358

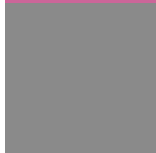


**Tritanomaly**  
13265538

# Monochromacy



**Original Color**  
13395609



**Achromatopsia**  
9079434



**Achromatomaly**  
10648975

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13395609 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 #CC6699 looks like.

```
.text, #text, p{  
  color:#CC6699  
}
```

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 #CC6699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6699
}
```

## Border

The CSS property to change the border of an element to Decimal 13395609 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
#CC6699 }
```

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

```
.border{ border-color:#CC6699 }
```

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

Here you see how a box with a 4 pixel #CC6699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6699; -webkit-box-shadow:4px 4px  
4px 4px #CC6699; box-shadow:4px 4px 4px  
4px #CC6699 }
```

# Background

The CSS property to change the background color of an element to Decimal 13395609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6699 }
```

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

```
.background{ background-color:#CC6699 }
```

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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