

# Converting Colors

Decimal(12659315)

Have a look what the booklet for  
Decimal(12659315) contains.

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# Color

**Decimal(12659315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C12A73
RGB	193, 42, 115
RGB Percent	76%, 16%, 45%
CMY	0.2431, 0.8353, 0.5490
CMYK	0.00, 0.78, 0.40, 0.24
HSL	331°, 64%, 46%
HSV	331°, 78%, 76%
XYZ	25.9148, 14.2312, 17.6007
YIQ	95.4710, 66.5630, 54.7150

# Conversions

## Conversions Part 2

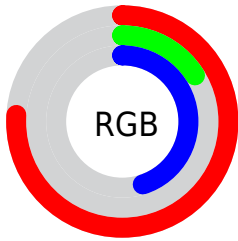
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 42, 115
Decimal	12659315
CIE <sub>Lab</sub>	44.56, 63.17, -4.53
CIE <sub>LCh</sub>	45, 63.336, 355.899
Yxy	14.2312, 0.4488, 0.2464
Android (android.graphics.Color)	4290849395 (0xFFC12A73)
YUV	95.4710, 9.6278, 85.5329
Hunter-Lab	37.7242, 56.6037, -1.2555

# Details

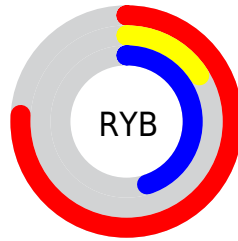
The Decimal color **12659315** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **2802040**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16672679**, and **8781891** is the 20% darker color. If you saturate the color by 10%, you get **12654441**, and if you desaturate by 10%, it is **12664189**.

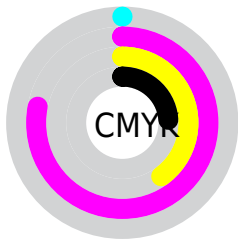
# Distribution



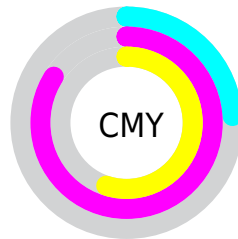
- Red (76%)
- Green (16%)
- Blue (45%)



- Red (76%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (78%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12659315 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 12659315 by changing the saturation by 10% instead.



 12659315

 12659315

16777215

 10682459

 16672679

 8781891

 16745410

 6881325

 16752862

 5046297

 16760314

 3276802

 16767743

 0

 16775423

 12659315

 12659315

 12654441

 12664189

 12649311

 12669319

 12648541

 12674193

 12679067

 12684197

 12689071

 12693945

 12698819

 12703949

# Harmonies

## Analogous

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



10568613



12659315



12792639

# Triad

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



12659315



5469184



32193

# Complementary

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



12659315



2802040

# 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.



32918



12659315



31785

# Square

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



12659315



8807680



32864



29396

# Rectangle

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



12659315



11945245



32864



32693



# Sweetspot

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



12659315



16433372



7744193



8215147



16579836



8224125



# Same Dimension

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



12659315



16387969



12659242



6379356



10551374



2162704



# Inverse Universe

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



12659315



16387969



2802113



6379356



10551374



2162704



# Previews

## White Background



This preview shows how the Decimal color 12659315 looks on a white background.

## Color Contrast Check

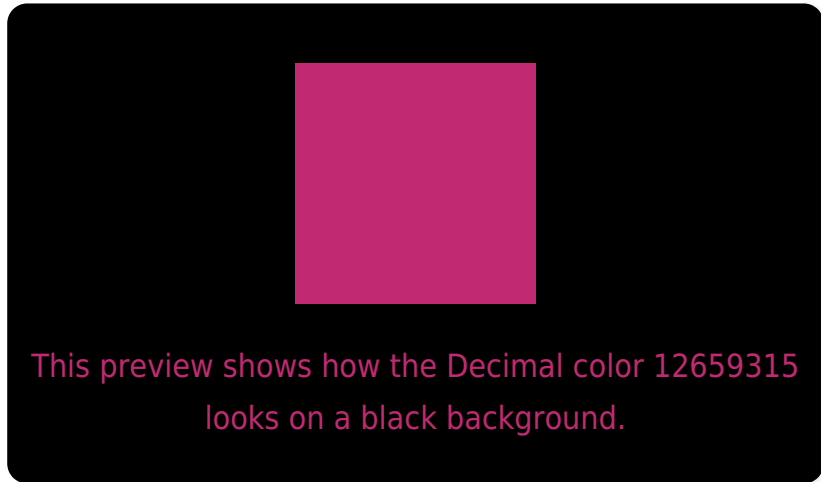
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

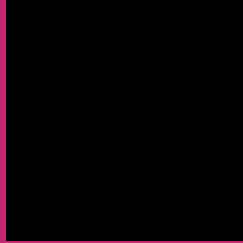
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12659315 Background



This preview shows how black text looks on a background with the Decimal color 12659315.



This preview shows how white text looks on a background with the Decimal color 12659315.

# 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



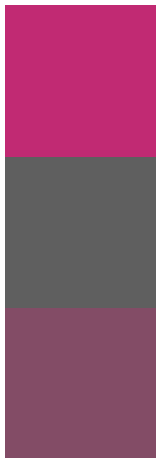
**Original Color**  
12659315

**Protanomaly**  
8344204

**Deuteranomaly**  
9458030

**Tritanomaly**  
12530769

# Monochromacy



**Original Color**  
12659315

**Achromatopsia**  
6250335

**Achromatomaly**  
8604774

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12659315 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 #C12A73 looks like.

```
.text, #text, p{  
  color:#C12A73  
}
```

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 #C12A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12A73
}
```

## Border

The CSS property to change the border of an element to Decimal 12659315 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
#C12A73 }
```

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

```
.border{ border-color:#C12A73 }
```

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

Here you see how a box with a 4 pixel #C12A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12A73; -webkit-box-shadow:4px 4px  
4px 4px #C12A73; box-shadow:4px 4px 4px  
4px #C12A73 }
```

# Background

The CSS property to change the background color of an element to Decimal 12659315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12A73 }
```

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

```
.background{ background-color:#C12A73 }
```

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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