

# Converting Colors

Decimal(12259725)

Have a look what the booklet for  
Decimal(12259725) contains.

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**Color**

**Decimal(12259725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB118D
RGB	187, 17, 141
RGB Percent	73%, 7%, 55%
CMY	0.2667, 0.9333, 0.4471
CMYK	0.00, 0.91, 0.25, 0.27
HSL	316°, 83%, 40%
HSV	316°, 91%, 73%
XYZ	25.5017, 12.8888, 26.3430
YIQ	81.9660, 61.5160, 74.6040

# Conversions

## Conversions Part 2

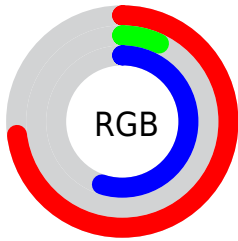
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 17, 141
Decimal	12259725
CIE <sub>Lab</sub>	42.60, 69.92, -23.60
CIE <sub>LCh</sub>	43, 73.797, 341.352
Yxy	12.8888, 0.3939, 0.1991
Android (android.graphics.Color)	4290449805 (0xFFBB118D)
YUV	81.9660, 29.1038, 92.1148
Hunter-Lab	35.9009, 63.9681, -18.3745

# Details

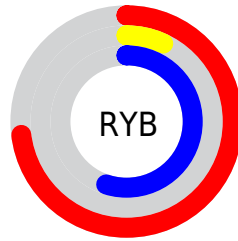
The Decimal color **12259725** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1162047**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16210627**, and **8454235** is the 20% darker color. If you saturate the color by 10%, you get **12255368**, and if you desaturate by 10%, it is **12264594**.

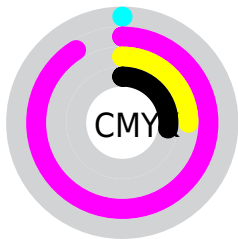
# Distribution



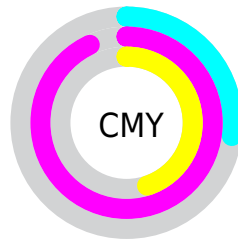
- Red (73%)
- Green (7%)
- Blue (55%)



- Red (73%)
- Yellow (7%)
- Blue (55%)



- Cyan (0%)
- Magenta (91%)
- Yellow (25%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12259725 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 12259725 by changing the saturation by 10% instead.



 12259725

 12259725

16777215

 10354803

 16210627

 8454235

 16742623

 6553667

 16750076

 4784172

 16757503

 2949143

 16764927

 0

 16772607

 12259725

 12259725

 12255368

 12264594

 12269207

 12274076

 12278945

 12283814

 12288427

 12293296

 12298165

 12302779

# Harmonies

## Analogous

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



8406721



12259725



13369425

# Triad

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



12259725



6711552



32181

# Complementary

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



12259725



1162047

# 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.



32379



12259725



882176

# Square

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



12259725



10048256



31547



30426

# Rectangle

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



12259725



12917801



31547



32419



# Sweetspot

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



12259725



15905249



4067771



8016752



16448250



8026746



# Same Dimension

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



12259725



15859889



12259641



6182236



10354803



2031638



# Inverse Universe

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



12259725



15859889



1162131



6182236



10354803



2031638



# Previews

## White Background



This preview shows how the Decimal color 12259725 looks on a white background.

## Color Contrast Check

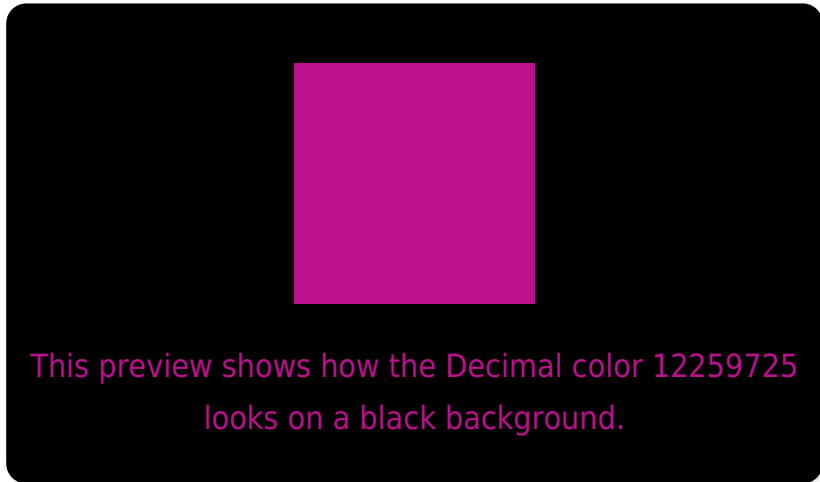
Large Text (above 18pt) WCAG AA ✓ Pass

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

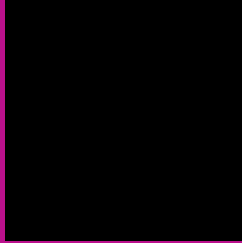
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12259725 Background



This preview shows how black text looks on a background with the Decimal color 12259725.



This preview shows how white text looks on a background with the Decimal color 12259725.

# 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**  
12259725



**Protanomaly**  
6243761



**Deuteranomaly**  
8472199

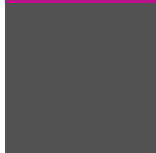


**Tritanomaly**  
12003929

# Monochromacy



**Original Color**  
12259725



**Achromatopsia**  
5395026



**Achromatomaly**  
7879271

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12259725 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 #BB118D looks like.

```
.text, #text, p{  
    color:#BB118D  
}
```

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 #BB118D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB118D
}
```

## Border

The CSS property to change the border of an element to Decimal 12259725 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
#BB118D }
```

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

```
.border{ border-color:#BB118D }
```

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

Here you see how a box with a 4 pixel #BB118D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB118D; -webkit-box-shadow:4px 4px  
4px 4px #BB118D; box-shadow:4px 4px 4px  
4px #BB118D }
```

# Background

The CSS property to change the background color of an element to Decimal 12259725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB118D }
```

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

```
.background{ background-color:#BB118D }
```

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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