

# Converting Colors

Decimal(12738440)

Have a look what the booklet for  
Decimal(12738440) contains.

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# Color

**Decimal(12738440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C25F88
RGB	194, 95, 136
RGB Percent	76%, 37%, 53%
CMY	0.2392, 0.6275, 0.4667
CMYK	0.00, 0.51, 0.30, 0.24
HSL	335°, 45%, 57%
HSV	335°, 51%, 76%
XYZ	30.7843, 21.4313, 25.8067
YIQ	129.2750, 45.8430, 33.7390

# Conversions

## Conversions Part 2

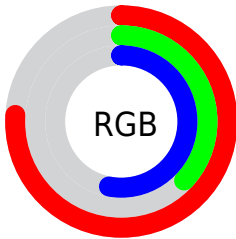
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 95, 136
Decimal	12738440
CIELab	53.42, 44.16, -4.08
CIELCh	53, 44.345, 354.715
Yxy	21.4313, 0.3946, 0.2747
Android (android.graphics.Color)	4290928520 (0xFFC25F88)
YUV	129.2750, 3.3154, 56.7638
Hunter-Lab	46.2940, 37.6833, -0.6456

# Details

The Decimal color **12738440** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **6275737**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16618685**, and **8989526** is the 20% darker color. If you saturate the color by 10%, you get **12733565**, and if you desaturate by 10%, it is **12743315**.

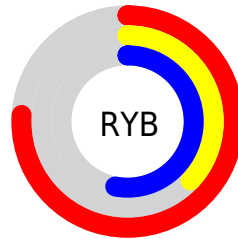
# Distribution



Red (76%)

Green (37%)

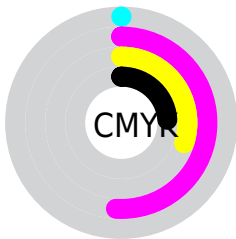
Blue (53%)



Red (76%)

Yellow (37%)

Blue (53%)

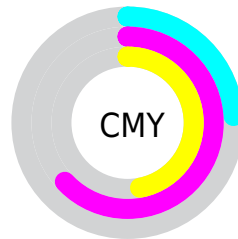


Cyan (0%)

Magenta (51%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (63%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12738440 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 12738440 by changing the saturation by 10% instead.



 12738440

 12738440

16777215

 10831215

 16618685

 8989526


 16756953

 7211839

 16764149

 5439529

 16771583

 3801109

 1900545

 0

 12738440

 12738440

 12733565

 12743315

 12728433

 12748447

 12723558

 12753322

 12718427

 12758453

 12714064

 12763329

 12768204

 12773336

 12778211

 12779502

# Harmonies

## Analogous

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



11037100



12738440



13001058

# Triad

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



12738440



7767863



36541

# Complementary

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



12738440



6275737

# 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.



37534



12738440



4689746

# Square

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



12738440



10189616



37495



1148619

# Rectangle

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



12738440



12478539



37495



37044



# Sweetspot

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



12738440



16570342



10051522



8415602



0



8421504



# Same Dimension

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



12738440



16540322



12740447



6379355



10551363



2162702



# Inverse Universe

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



12738440



16540322



6273730



6379355



10551363



2162702



# Previews

## White Background



This preview shows how the Decimal color 12738440 looks on a white background.

## Color Contrast Check

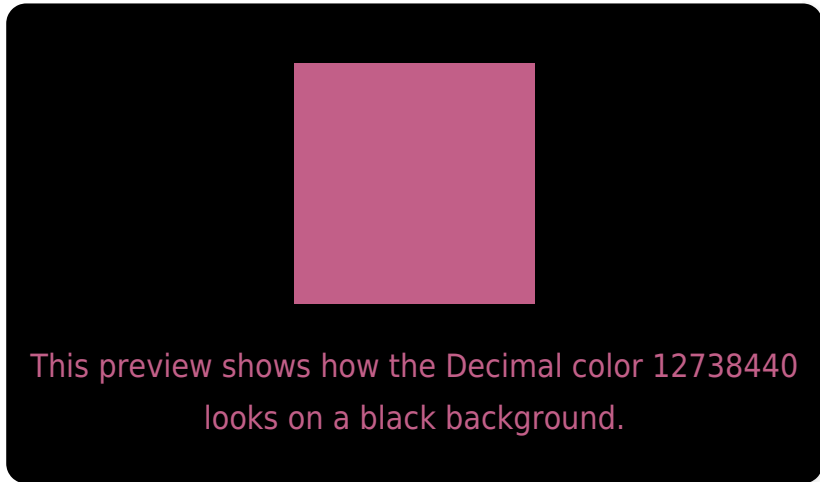
Large Text (above 18pt) WCAG AA ✓ Pass

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 12738440 Background



This preview shows how black text looks on a background with the Decimal color 12738440.




This preview shows how white text looks on a background with the Decimal color 12738440.

# 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**  
12543340

# Trichromacy



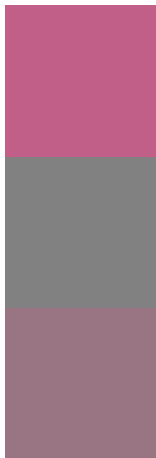
**Original Color**  
12738440

**Protanomaly**  
9728917

**Deuteranomaly**  
10449285

**Tritanomaly**  
12608374

# Monochromacy



**Original Color**  
12738440

**Achromatopsia**  
8487297

**Achromatomaly**  
10057092

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12738440 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 #C25F88 looks like.

```
.text, #text, p{  
    color:#C25F88  
}
```

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 #C25F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C25F88
}
```

## Border

The CSS property to change the border of an element to Decimal 12738440 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
#C25F88 }
```

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

```
.border{ border-color:#C25F88 }
```

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

Here you see how a box with a 4 pixel #C25F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C25F88; -webkit-box-shadow:4px 4px  
4px 4px #C25F88; box-shadow:4px 4px 4px  
4px #C25F88 }
```

# Background

The CSS property to change the background color of an element to Decimal 12738440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C25F88 }
```

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

```
.background{ background-color:#C25F88 }
```

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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