

Converting Colors

Decimal(12268421)

Have a look what the booklet for
Decimal(12268421) contains.

Decimal(12268421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12268421)

Conversions

Conversions Part 1

Format	Color
Hex	BB3385
RGB	187, 51, 133
RGB Percent	73%, 20%, 52%
CMY	0.2667, 0.8000, 0.4784
CMYK	0.00, 0.73, 0.29, 0.27
HSL	324°, 57%, 47%
HSV	324°, 73%, 73%
XYZ	25.9110, 14.6259, 23.6477
YIQ	101.0120, 54.7340, 54.3340

Conversions

Conversions Part 2

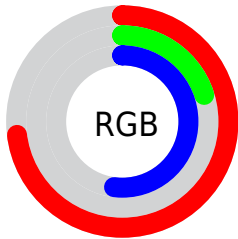
Format	Color
RYB	187, 51, 133
Decimal	12268421
CIELab	45.12, 60.77, -14.84
CIElCh	45, 62.553, 346.273
Yxy	14.6259, 0.4037, 0.2279
Android (android.graphics.Color)	4290458501 (0xFFBB3385)
YUV	101.0120, 15.7701, 75.4115
Hunter-Lab	38.2438, 54.0107, -9.8908

Details

The Decimal color **12268421** is a dark color, and the websafe version is hex **CC3399**, and the color name is **medium red-violet**. A complement of this color would be **3390313**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16215482**, and **8454227** is the 20% darker color. If you saturate the color by 10%, you get **12263550**, and if you desaturate by 10%, it is **12273292**.

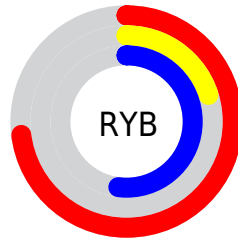
Distribution



Red (73%)

Green (20%)

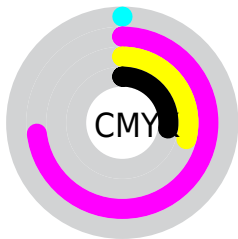
Blue (52%)



Red (73%)

Yellow (20%)

Blue (52%)

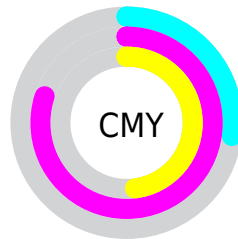


Cyan (0%)

Magenta (73%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (80%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12268421 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 12268421 by changing the saturation by 10% instead.

 12268421

 12268421

16777215

 10357356

 16215482

 8454227

 16746966

 6619196

 16754162

 4849702

 16761599

 3145744

 16769023

 0

 16776703

 12268421

 12268421

 12263550

 12273292

12258934

12277908

12255345

12282779

12287651

12292522

12297138

12302009

12306880

12311496

Harmonies

Analogous

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



9457332



12268421



12988241

Triad

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



12268421



6779136



32950

Complementary

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



12268421



3390313

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.



33415



12268421



2194200

Square

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



12268421



9789440



32848



30929

Rectangle

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



12268421



12467760



32848



33192

Sweetspot

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



12268421



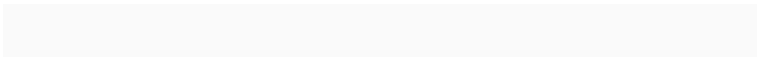
15908317



6763451



8018798



16448250



8026746

Same Dimension

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



12268421



15867807



12268355



6182235



10354783



2031634

Inverse Universe

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



12268421



15867807



3390379



6182235



10354783



2031634

Previews

White Background



This preview shows how the Decimal color 12268421 looks on a white background.

Color Contrast Check

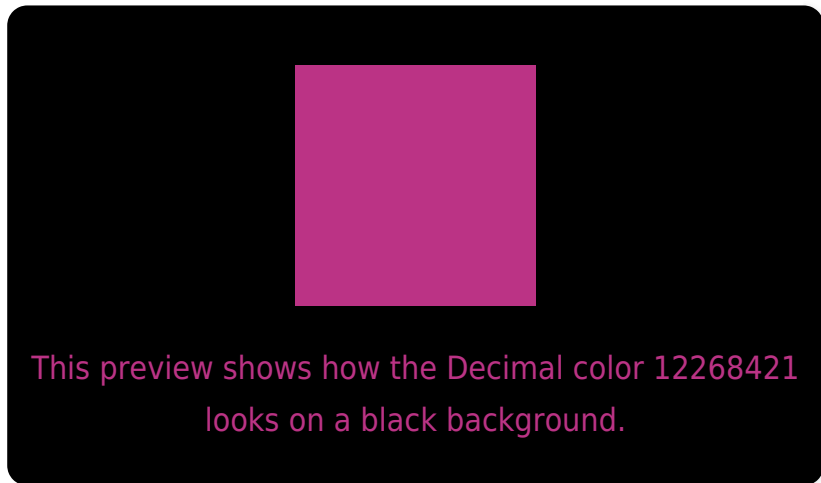
Large Text (above 18pt) WCAG AA ✓ Pass

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 12268421 Background



This preview shows how black text looks on a background with the Decimal color 12268421.



This preview shows how white text looks on a background with the Decimal color 12268421.

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



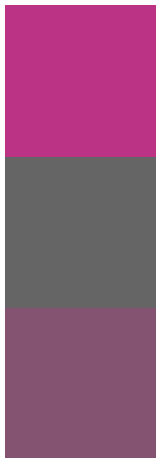
Original Color
12268421

Protanomaly
7886238

Deuteranomaly
9000321

Tritanomaly
12074591

Monochromacy



Original Color
12268421

Achromatopsia
6645093

Achromatomaly
8672113

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12268421 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 #BB3385 looks like.

```
.text, #text, p{  
    color:#BB3385  
}
```

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 #BB3385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3385
}
```

Border

The CSS property to change the border of an element to Decimal 12268421 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
#BB3385 }
```

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

```
.border{ border-color:#BB3385 }
```

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

Here you see how a box with a 4 pixel #BB3385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3385; -webkit-box-shadow:4px 4px  
4px 4px #BB3385; box-shadow:4px 4px 4px  
4px #BB3385 }
```

Background

The CSS property to change the background color of an element to Decimal 12268421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3385 }
```

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

```
.background{ background-color:#BB3385 }
```

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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