

Converting Colors

Decimal(12255362)

Have a look what the booklet for
Decimal(12255362) contains.

Decimal(12255362)	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(12255362)

Conversions

Conversions Part 1

Format	Color
Hex	BB0082
RGB	187, 0, 130
RGB Percent	73%, 0%, 51%
CMY	0.2667, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.30, 0.27
HSL	318°, 100%, 37%
HSV	318°, 100%, 73%
XYZ	24.5228, 12.1765, 22.1769
YIQ	70.7330, 69.7220, 80.0740

Conversions

Conversions Part 2

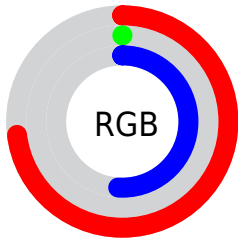
Format	Color
RYB	187, 0, 130
Decimal	12255362
CIELab	41.50, 70.48, -18.54
CIElCh	41, 72.882, 345.260
Yxy	12.1765, 0.4165, 0.2068
Android (android.graphics.Color)	4290445442 (0xFFBB0082)
YUV	70.7330, 29.2186, 101.9662
Hunter-Lab	34.8948, 64.3771, -13.2545

Details

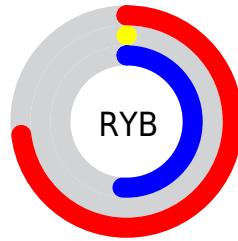
The Decimal color **12255362** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **47929**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **16209335**, and **8388688** is the 20% darker color. If you saturate the color by 10%, you get **12255362**, and if you desaturate by 10%, it is **12260232**.

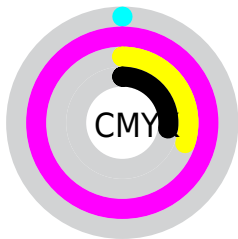
Distribution



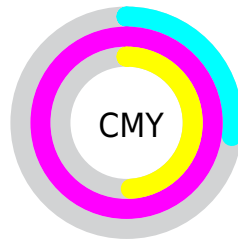
- Red (73%)
- Green (0%)
- Blue (51%)



- Red (73%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12255362 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 12255362 by changing the saturation by 10% instead.

 12255362  12255362

16777215  10289257

 16209335  8388688

 16741331  6553657

 16748783  4784164

 16756223  2883595

 16763903  0

 16771583

 12255362

 12260232

 12264845

 12269715

 12274585

 12279455

 12284068

 12288938

 12293808

 12298421

Harmonies

Analogous

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



8929207



12255362



13041735

Triad

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



12255362



6056192



31159

Complementary

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



12255362



47929

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.



31616



12255362



29696

Square

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



12255362



9458688



31041



29399

Rectangle

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



12255362



12460320



31041



31398

Sweetspot

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



12255362



15903452



3670203



8015469



16448250



8026746

Same Dimension

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



12255362



15859880



12255269



6182235



10354798



2031637

Inverse Universe

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



12255362



15859880



48022



6182235



10354798



2031637

Previews

White Background



This preview shows how the Decimal color 12255362 looks on a white background.

Color Contrast Check

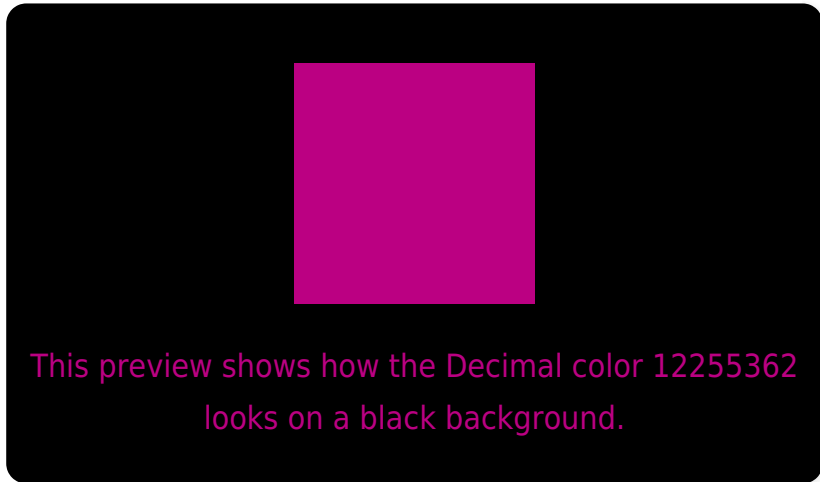
Large Text (above 18pt) WCAG AA ✓ Pass

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 12255362 Background



This preview shows how black text looks on a background with the Decimal color 12255362.



This preview shows how white text looks on a background with the Decimal color 12255362.

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
12255362



Protanomaly
6766245



Deuteranomaly
8666748

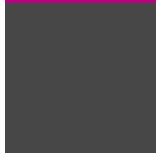


Tritanomaly
12066898

Monochromacy



Original Color
12255362



Achromatopsia
4671303



Achromatomaly
7417180

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12255362 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 #BB0082 looks like.

```
.text, #text, p{  
  color:#BB0082  
}
```

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 #BB0082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0082
}
```

Border

The CSS property to change the border of an element to Decimal 12255362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

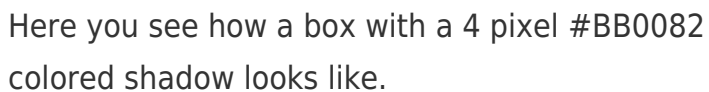
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB0082 }
```

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

```
.border{ border-color:#BB0082 }
```

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



Here you see how a box with a 4 pixel #BB0082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0082; -webkit-box-shadow:4px 4px  
4px 4px #BB0082; box-shadow:4px 4px 4px  
4px #BB0082 }
```

Background

The CSS property to change the background color of an element to Decimal 12255362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0082 }
```

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

```
.background{ background-color:#BB0082 }
```

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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