

Converting Colors

Decimal(12451975)

Have a look what the booklet for
Decimal(12451975) contains.

Decimal(12451975)	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(12451975)

Conversions

Conversions Part 1

Format	Color
Hex	BE0087
RGB	190, 0, 135
RGB Percent	75%, 0%, 53%
CMY	0.2549, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.29, 0.25
HSL	317°, 100%, 37%
HSV	317°, 100%, 75%
XYZ	25.6084, 12.6964, 24.0226
YIQ	72.2000, 69.9050, 82.2650

Conversions

Conversions Part 2

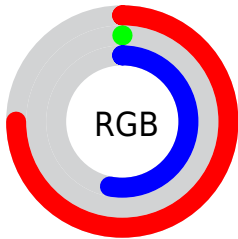
Format	Color
RYB	190, 0, 135
Decimal	12451975
CIELab	42.30, 71.63, -20.33
CIElCh	42, 74.463, 344.156
Yxy	12.6964, 0.4109, 0.2037
Android (android.graphics.Color)	4290642055 (0xFFBE0087)
YUV	72.2000, 30.9604, 103.3106
Hunter-Lab	35.6320, 65.9301, -15.0301

Details

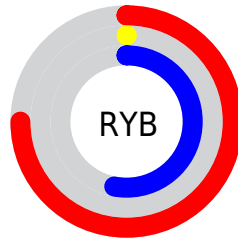
The Decimal color **12451975** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **48695**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **16471740**, and **8585301** is the 20% darker color. If you saturate the color by 10%, you get **12451975**, and if you desaturate by 10%, it is **12456845**.

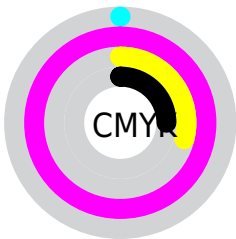
Distribution



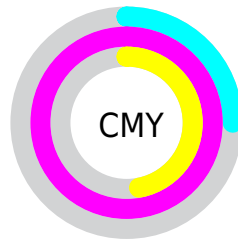
- Red (75%)
- Green (0%)
- Blue (53%)



- Red (75%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12451975 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 12451975 by changing the saturation by 10% instead.

 12451975

 12451975

16777215

 10485870

 16471740

 8585301


 16741592

 6684734

 16749045

 4915240

 16756735

 3080209

 16764159

 0

 16771839

 12451975

 12456845

■ 12461714

■ 12466584

■ 12471453

■ 12476323

■ 12481192

■ 12486062

■ 12490931

■ 12495801

Harmonies

Analogous

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



8864189



12451975



13369418

Triad

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



12451975



6318592



31929

Complementary

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



12451975



48695

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.



32128



12451975



30208

Square

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



12451975



9721088



31552



29916

Rectangle

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



12451975



12787490



31552



32168

Sweetspot

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



12451975



16231906



3539134



8212592



16579836



8224125

Same Dimension

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



12451975



16187568



12451881



6182236



10354800



2031638

Inverse Universe

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



12451975



16187568



48789



6182236



10354800



2031638

Previews

White Background



This preview shows how the Decimal color 12451975 looks on a white background.

Color Contrast Check

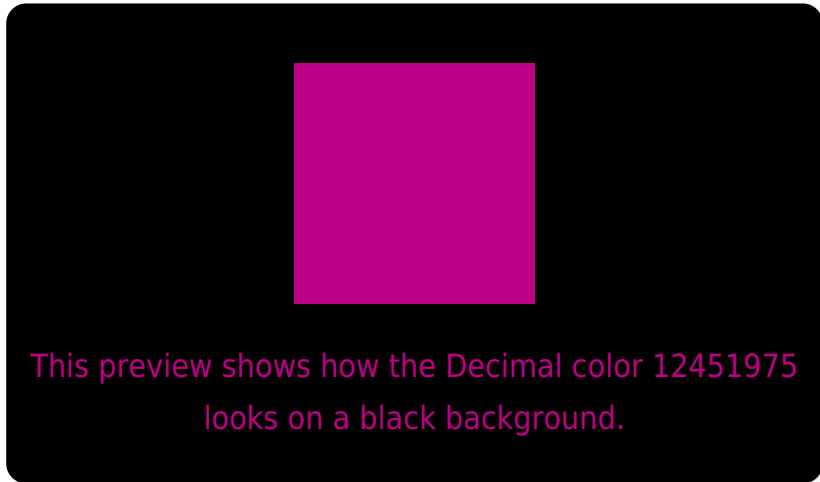
Large Text (above 18pt) WCAG AA ✓ Pass

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 12451975 Background



This preview shows how black text looks on a background with the Decimal color 12451975.



This preview shows how white text looks on a background with the Decimal color 12451975.

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
12451975



Protanomaly
6700971



Deuteranomaly
8732801



Tritanomaly
12198485

Monochromacy



Original Color
12451975



Achromatopsia
4737096



Achromatomaly
7548511

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12451975 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 #BE0087 looks like.

```
.text, #text, p{  
    color:#BE0087  
}
```

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 #BE0087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0087
}
```

Border

The CSS property to change the border of an element to Decimal 12451975 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
#BE0087 }
```

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

```
.border{ border-color:#BE0087 }
```

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

Here you see how a box with a 4 pixel #BE0087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0087; -webkit-box-shadow:4px 4px  
4px 4px #BE0087; box-shadow:4px 4px 4px  
4px #BE0087 }
```

Background

The CSS property to change the background color of an element to Decimal 12451975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0087 }
```

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

```
.background{ background-color:#BE0087 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor