

Converting Colors

Decimal(12194001)

Have a look what the booklet for
Decimal(12194001) contains.

Decimal(12194001)	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(12194001)

Conversions

Conversions Part 1

Format	Color
Hex	BA10D1
RGB	186, 16, 209
RGB Percent	73%, 6%, 82%
CMY	0.2706, 0.9373, 0.1804
CMYK	0.11, 0.92, 0.00, 0.18
HSL	293°, 86%, 44%
HSV	293°, 92%, 82%
XYZ	31.9436, 15.4131, 61.6130
YIQ	88.8320, 39.3670, 96.0630

Conversions

Conversions Part 2

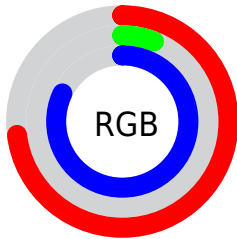
Format	Color
R_{YB}	186, 16, 209
Decimal	12194001
CIE _{Lab}	46.19, 79.55, -58.19
CIE _{LCh}	46, 98.562, 323.814
Yxy	15.4131, 0.2931, 0.1414
Android (android.graphics.Color)	4290384081 (0xFFBA10D1)
YUV	88.8320, 59.2428, 85.2163
Hunter-Lab	39.2596, 76.5326, -65.5666

Details

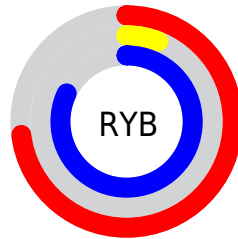
The Decimal color **12194001** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **2609424**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16146175**, and **8323225** is the 20% darker color. If you saturate the color by 10%, you get **12058833**, and if you desaturate by 10%, it is **12330449**.

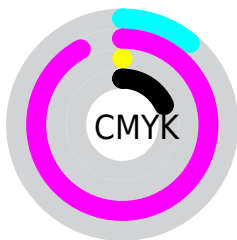
Distribution



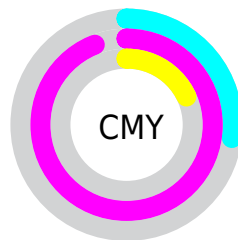
- Red (73%)
- Green (6%)
- Blue (82%)



- Red (73%)
- Yellow (6%)
- Blue (82%)



- Cyan (11%)
- Magenta (92%)
- Yellow (0%)
- Black (18%)





- Cyan (27%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12194001 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 12194001 by changing the saturation by 10% instead.

 12194001

 12194001

16777215

 10289333

 16146175

 8323225

 16743679

 6488191

 16751103

 4587621

 16758783

 2752588

 16766207

 52

 16773887

 542

 0

 12194001

 12194001

■ 12058833

■ 12330449

■ 12532433

■ 12668881

■ 12870865

■ 13007057

■ 13209041

■ 13345489

■ 13547473

■ 13683921

Harmonies

Analogous

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



24831



12194001



15663234

Triad

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



12194001



9725184



36271

Complementary

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



12194001



2609424

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.



35673



12194001



4422656

Square

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



12194001



13513472



34560



35829

Rectangle

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



12194001



16056397



34560



35987

Sweetspot

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



12194001



16169215



1059537



8017024



0



8421504

Same Dimension

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



12194001



14745855



13701258



6774377



9699496



2359337

Inverse Universe

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



13701159



16711710



1102167



6905439



11010068



2686981

Previews

White Background



This preview shows how the Decimal color 12194001 looks on a white background.

Color Contrast Check

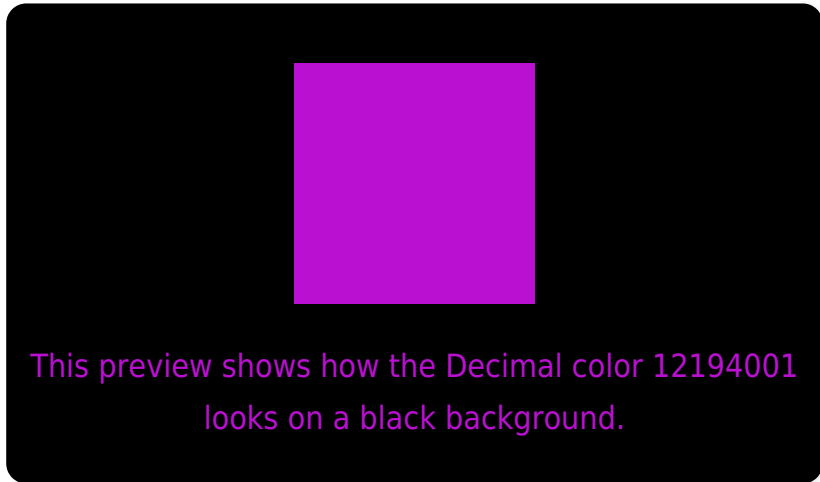
Large Text (above 18pt) WCAG AA ✓ Pass

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

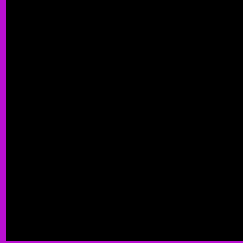
Any Text WCAG AA × Fail

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 12194001 Background



This preview shows how black text looks on a background with the Decimal color 12194001.



This preview shows how white text looks on a background with the Decimal color 12194001.

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
12194001



Protanomaly
4475611



Deuteranomaly
5721545



Tritanomaly
11549573

Monochromacy



Original Color
12194001



Achromatopsia
5855577



Achromatomaly
8142469

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12194001 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 #BA10D1 looks like.

```
.text, #text, p{  
    color:#BA10D1  
}
```

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 #BA10D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA10D1
}
```

Border

The CSS property to change the border of an element to Decimal 12194001 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
#BA10D1 }
```

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

```
.border{ border-color:#BA10D1 }
```

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

Here you see how a box with a 4 pixel #BA10D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA10D1; -webkit-box-shadow:4px 4px  
4px 4px #BA10D1; box-shadow:4px 4px 4px  
4px #BA10D1 }
```

Background

The CSS property to change the background color of an element to Decimal 12194001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA10D1 }
```

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

```
.background{ background-color:#BA10D1 }
```

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