

Converting Colors

Decimal(12456894)

Have a look what the booklet for
Decimal(12456894) contains.

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Color

Decimal(12456894)

Conversions

Conversions Part 1

Format	Color
Hex	BE13BE
RGB	190, 19, 190
RGB Percent	75%, 7%, 75%
CMY	0.2549, 0.9255, 0.2549
CMYK	0.00, 0.90, 0.00, 0.25
HSL	300°, 82%, 41%
HSV	300°, 90%, 75%
XYZ	30.7623, 15.1306, 50.0143
YIQ	89.6230, 47.0250, 89.4330

Conversions

Conversions Part 2

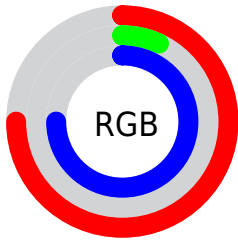
Format	Color
RYB	190, 19, 190
Decimal	12456894
CIELab	45.81, 76.86, -47.74
CIELCh	46, 90.479, 328.153
Yxy	15.1306, 0.3208, 0.1578
Android (android.graphics.Color)	4290646974 (0xFFBE13BE)
YUV	89.6230, 49.4859, 88.0306
Hunter-Lab	38.8981, 73.0942, -49.0052

Details

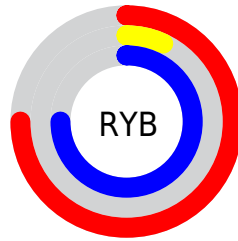
The Decimal color **12456894** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **1293843**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16408311**, and **8650888** is the 20% darker color. If you saturate the color by 10%, you get **12452030**, and if you desaturate by 10%, it is **12461758**.

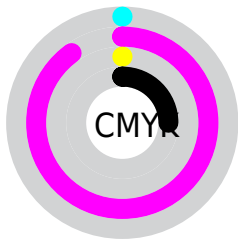
Distribution



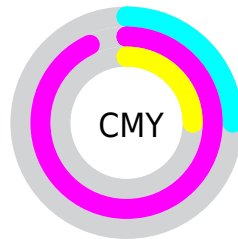
- Red (75%)
- Green (7%)
- Blue (75%)



- Red (75%)
- Yellow (7%)
- Blue (75%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12456894 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 12456894 by changing the saturation by 10% instead.

 12456894

 12456894

16777215

 10551459

 16408311

 8650888

 16743679

 6750318

 16751103

 4915285

 16758783

 3145789

 16766463

 720934

 16774143

 270

 0

 12456894

 12456894

■ 12452030

■ 12461758

■ 12466622

■ 12471486

■ 12476350

■ 12481214

■ 12486078

■ 12490942

■ 12495806

■ 12500670

Harmonies

Analogous

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



4414197



12456894



15138933

Triad

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



12456894



9005312



35507

Complementary

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



12456894



1293843

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.



35174



12456894



3898368

Square

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



12456894



12665600



34052



34799

Rectangle

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



12456894



15269955



34052



35482

Sweetspot

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



12456894



16233975



1250238



8213885



16579836



8224125

Same Dimension

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



12456894



16187639



12456809



6182238



10354846



2031647

Inverse Universe

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



12456894



16187639



1293929



6182238



10354846



2031647

Previews

White Background



This preview shows how the Decimal color 12456894 looks on a white background.

Color Contrast Check

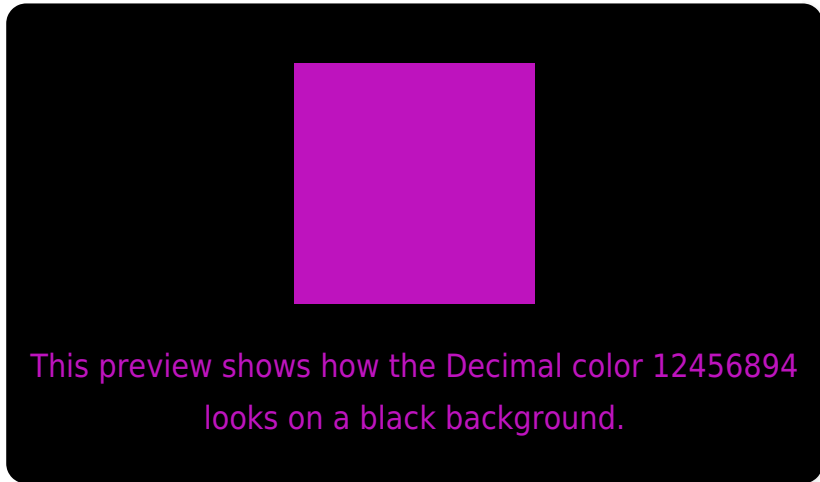
Large Text (above 18pt) WCAG AA ✓ Pass

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

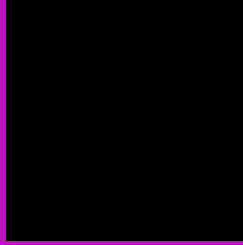
Any Text WCAG AA × Fail

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 12456894 Background



This preview shows how black text looks on a background with the Decimal color 12456894.




This preview shows how white text looks on a background with the Decimal color 12456894.

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
11684945

Trichromacy



Original Color

12456894



Protanomaly

4541140



Deuteranomaly

7359927



Tritanomaly

11941753

Monochromacy



Original Color

12456894



Achromatopsia

5921370



Achromatomaly

8274046

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12456894 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 #BE13BE looks like.

```
.text, #text, p{  
    color:#BE13BE  
}
```

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 #BE13BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE13BE
}
```

Border

The CSS property to change the border of an element to Decimal 12456894 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
#BE13BE }
```

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

```
.border{ border-color:#BE13BE }
```

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

Here you see how a box with a 4 pixel #BE13BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE13BE; -webkit-box-shadow:4px 4px  
4px 4px #BE13BE; box-shadow:4px 4px 4px  
4px #BE13BE }
```

Background

The CSS property to change the background color of an element to Decimal 12456894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE13BE }
```

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

```
.background{ background-color:#BE13BE }
```

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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