

Converting Colors

Decimal(12366591)

Have a look what the booklet for
Decimal(12366591) contains.

Decimal(12366591)	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(12366591)

Conversions

Conversions Part 1

Format	Color
Hex	BCB2FF
RGB	188, 178, 255
RGB Percent	74%, 70%, 100%
CMY	0.2627, 0.3020, 0.0000
CMYK	0.26, 0.30, 0.00, 0.00
HSL	248°, 100%, 85%
HSV	248°, 30%, 100%
XYZ	54.7094, 49.7522, 101.3274
YIQ	189.7680, -18.7570, 26.0670

Conversions

Conversions Part 2

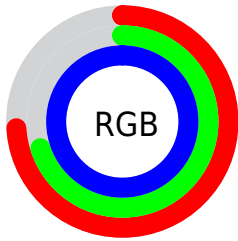
Format	Color
RYB	188, 178, 255
Decimal	12366591
CIELab	75.92, 19.73, -36.79
CIElCh	76, 41.741, 298.205
Yxy	49.7522, 0.2659, 0.2418
Android (android.graphics.Color)	4290556671 (0xFFBCB2FF)
YUV	189.7680, 32.1594, -1.5505
Hunter-Lab	70.5352, 15.0139, -35.7984

Details

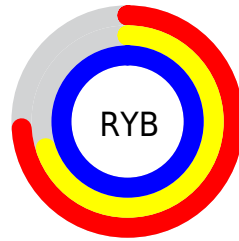
The Decimal color **12366591** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16121778**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16116479**, and **8748486** is the 20% darker color. If you saturate the color by 10%, you get **10918143**, and if you desaturate by 10%, it is **13814783**.

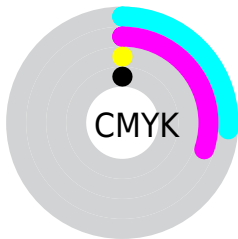
Distribution



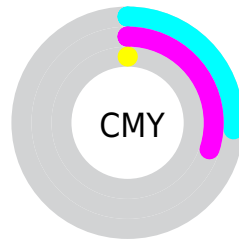
- Red (74%)
- Green (70%)
- Blue (100%)



- Red (74%)
- Yellow (70%)
- Blue (100%)



- Cyan (26%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12366591 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 12366591 by changing the saturation by 10% instead.

12366591

12366591

16777215

10524642

16116479

8748486

7038122

5328016

3618422

1843293

3141

558

280

■ 12366591

■ 12366591

■ 10918143

■ 13814783

■ 9469951

■ 15263231

■ 7955967

16777215

■ 6507775

■ 5059327

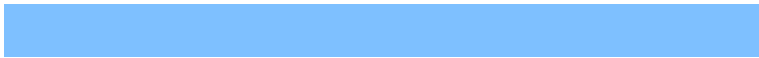
■ 3611135

■ 2162943

Harmonies

Analogous

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



8306943



12366591



15312356

Triad

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



12366591



16100219



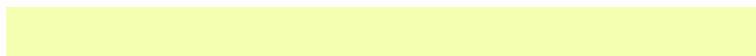
4902839

Complementary

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



12366591



16121778

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.



8506513



12366591



14071917

Square

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



12366591



16752793



11519094



53214

Rectangle

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



12366591



16555980



11519094



6213546

Sweetspot

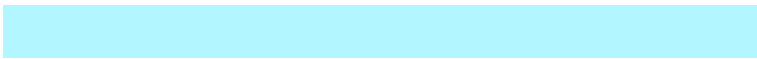
The Sweet Spot groups the original color and five complimentary colors.



12366591



15460607



11728639



7565696



0



8421504

Same Dimension

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



12366591



11510783



14791423



7631744



1638591



524352

Inverse Universe

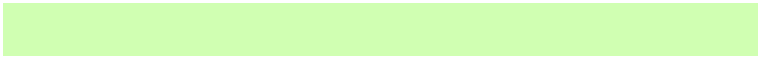
The Inverse Universe completely reimagines the original color for something new.



16757493



16753651



13696946



8418174



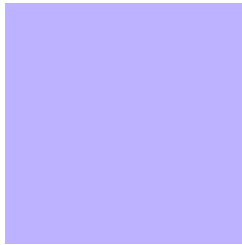
12517542



4194359

Previews

White Background



This preview shows how the Decimal color 12366591 looks on a white background.

Color Contrast Check

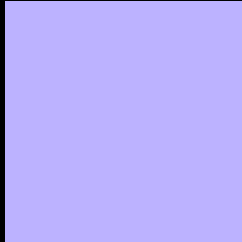
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12366591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

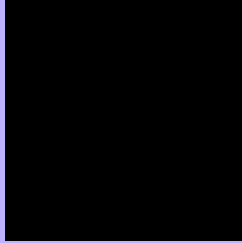
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12366591 Background



This preview shows how black text looks on a background with the Decimal color 12366591.



This preview shows how white text looks on a background with the Decimal color 12366591.

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
11713739

Trichromacy



Original Color
12366591

Protanomaly
11450111

Deuteranomaly
11515646

Tritanomaly
11974878

Monochromacy



Original Color
12366591

Achromatopsia
12500670

Achromatomaly
12434134

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12366591 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 #BCB2FF looks like.

```
.text, #text, p{  
    color:#BCB2FF  
}
```

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 #BCB2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB2FF
}
```

Border

The CSS property to change the border of an element to Decimal 12366591 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
#BCB2FF }
```

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

```
.border{ border-color:#BCB2FF }
```

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

Here you see how a box with a 4 pixel #BCB2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB2FF; -webkit-box-shadow:4px 4px  
4px 4px #BCB2FF; box-shadow:4px 4px 4px  
4px #BCB2FF }
```

Background

The CSS property to change the background color of an element to Decimal 12366591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB2FF }
```

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

```
.background{ background-color:#BCB2FF }
```

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