

Converting Colors

Decimal(12440831)

Have a look what the booklet for
Decimal(12440831) contains.

Decimal(12440831)	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(12440831)

Conversions

Conversions Part 1

Format	Color
Hex	BDD4FF
RGB	189, 212, 255
RGB Percent	74%, 83%, 100%
CMY	0.2588, 0.1686, 0.0000
CMYK	0.26, 0.17, 0.00, 0.00
HSL	219°, 100%, 87%
HSV	219°, 26%, 100%
XYZ	62.5797, 65.1258, 103.8800
YIQ	210.0250, -27.5110, 8.4970

Conversions

Conversions Part 2

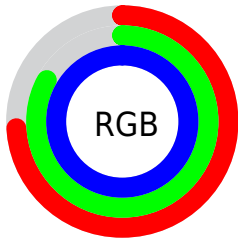
Format	Color
R _Y B	189, 206, 255
Decimal	12440831
CIE Lab	84.55, 1.58, -23.53
CIE LCh	85, 23.582, 273.843
Yxy	65.1258, 0.2702, 0.2812
Android (android.graphics.Color)	4290630911 (0xFFBDD4FF)
YUV	210.0250, 22.1727, -18.4389
Hunter-Lab	80.7005, -2.8070, -19.8293

Details

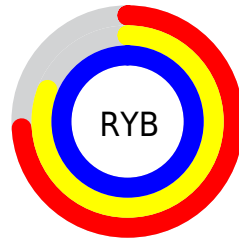
The Decimal color **12440831** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16771261**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16187391**, and **8822470** is the 20% darker color. If you saturate the color by 10%, you get **10798079**, and if you desaturate by 10%, it is **14149119**.

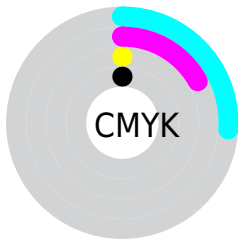
Distribution



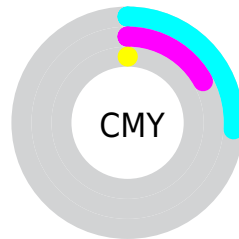
- Red (74%)
- Green (83%)
- Blue (100%)



- Red (74%)
- Yellow (81%)
- Blue (100%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12440831 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 12440831 by changing the saturation by 10% instead.

■ 12440831

■ 12440831

16777215

■ 10598626

■ 16187391

■ 8822470

■ 7111595

■ 5401232

■ 3756662

■ 2112350

■ 75334

■ 4399

■ 282

■ 12440831

■ 12440831

■ 10798079

■ 14149119

■ 9090047

■ 15791615

■ 7447295

16777215

■ 5739263

■ 4096511

■ 2388223

■ 745727

■ 23039

Harmonies

Analogous

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



10738682



12440831



14404856

Triad

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



12440831



16762299



11525823

Complementary

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



12440831



16771261

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.



13228462



12440831



16108460

Square

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



12440831



16761809



14799527



10281173

Rectangle

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



12440831



15517934



14799527



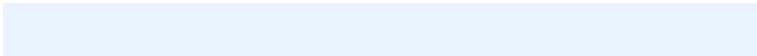
12115384

Sweetspot

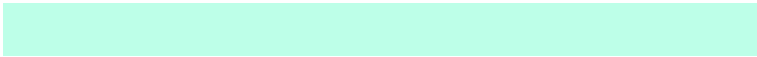
The Sweet Spot groups the original color and five complimentary colors.



12440831



15463167



12451816



7567232



0



8421504

Same Dimension

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



12440831



11586559



13090303



7567232



17343



5696

Inverse Universe

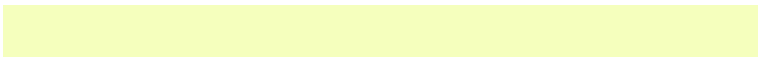
The Inverse Universe completely reimagines the original color for something new.



16760276



16756939



16121789



8418167



12517443



4194326

Previews

White Background



This preview shows how the Decimal color 12440831 looks on a white background.

Color Contrast Check

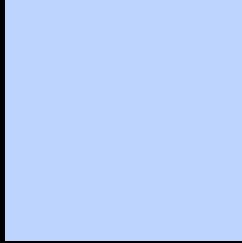
Large Text (above 18pt) WCAG AA × Fail

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 12440831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

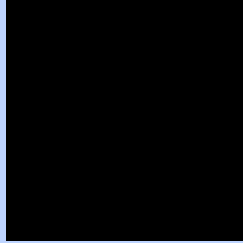
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

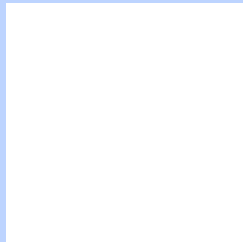
Any Text WCAG AAA ✓ Pass

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

Decimal 12440831 Background



This preview shows how black text looks on a background with the Decimal color 12440831.



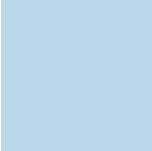
This preview shows how white text looks on a background with the Decimal color 12440831.

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](#).

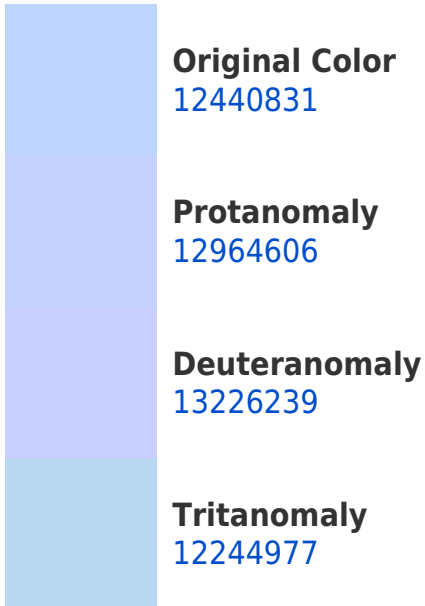
Dichromacy



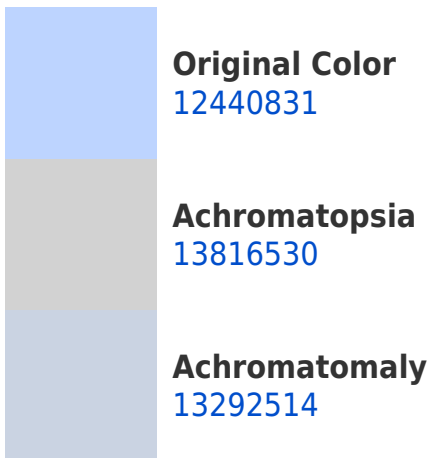


Tritanopia
12179689

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12440831 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 #BDD4FF looks like.

```
.text, #text, p{  
    color:#BDD4FF  
}
```

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 #BDD4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD4FF
}
```

Border

The CSS property to change the border of an element to Decimal 12440831 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
#BDD4FF }
```

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

```
.border{ border-color:#BDD4FF }
```

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

Here you see how a box with a 4 pixel #BDD4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD4FF; -webkit-box-shadow:4px 4px  
4px 4px #BDD4FF; box-shadow:4px 4px 4px  
4px #BDD4FF }
```

Background

The CSS property to change the background color of an element to Decimal 12440831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD4FF }
```

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

```
.background{ background-color:#BDD4FF }
```

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