

Converting Colors

Decimal(12414964)

Have a look what the booklet for
Decimal(12414964) contains.

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Color

Decimal(12414964)

Conversions

Conversions Part 1

Format	Color
Hex	BD6FF4
RGB	189, 111, 244
RGB Percent	74%, 44%, 96%
CMY	0.2588, 0.5647, 0.0431
CMYK	0.23, 0.55, 0.00, 0.04
HSL	275°, 86%, 70%
HSV	275°, 55%, 96%
XYZ	42.9998, 28.7193, 88.8650
YIQ	149.4840, 3.7950, 57.8990

Conversions

Conversions Part 2

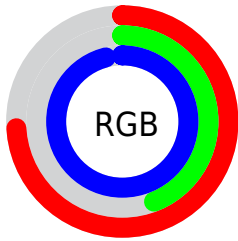
Format	Color
R _Y B	189, 111, 244
Decimal	12414964
CIE Lab	60.53, 53.95, -54.95
CIE LCh	61, 77.009, 314.475
Yxy	28.7193, 0.2678, 0.1788
Android (android.graphics.Color)	4290605044 (0xFFBD6FF4)
YUV	149.4840, 46.5964, 34.6555
Hunter-Lab	53.5904, 49.4414, -60.8029

Details

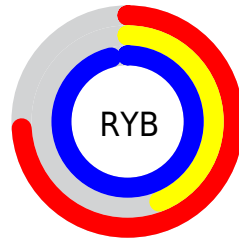
The Decimal color **12414964** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **10941551**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16295423**, and **8665787** is the 20% darker color. If you saturate the color by 10%, you get **11753460**, and if you desaturate by 10%, it is **13076468**.

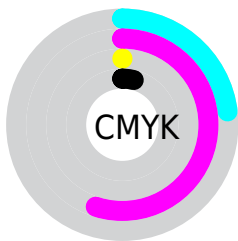
Distribution



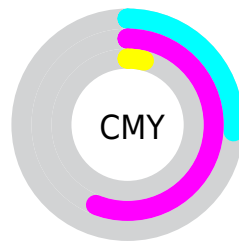
- Red (74%)
- Green (44%)
- Blue (96%)



- Red (74%)
- Yellow (44%)
- Blue (96%)



- Cyan (23%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)


















- Cyan (26%)
- Magenta (56%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12414964 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 12414964 by changing the saturation by 10% instead.

 12414964	 12414964
16777215	 10507735
 16295423	 8665787
 16761343	 6823840
 16768767	 5046405
 16776191	 3145835
	 1441874
	 58
	 547
	 10

 12414964

 12414964

 11753460

 13076468

 11091700

 13738228

 10430196

 14399732

 9768436

 15061492

 9371892

 15722996

 16449524

 16777204

Harmonies

Analogous

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



1675263



12414964



16338104

Triad

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



12414964



13402624



45234

Complementary

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



12414964



10941551

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.



44651



12414964



9541888

Square

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



12414964



16212532



3974946



44784

Rectangle

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



12414964



16728715



3974946



45211

Sweetspot

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



12414964



15652607



7317236



7694208



0



8421504

Same Dimension

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



12414964



12212735



16019433



7695994



7143610



2228283

Inverse Universe

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



16019366



16734622



7337082



8023667



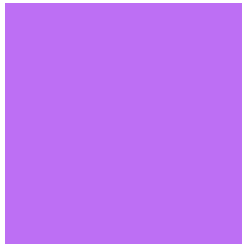
12189773



3866648

Previews

White Background



This preview shows how the Decimal color 12414964 looks on a white background.

Color Contrast Check

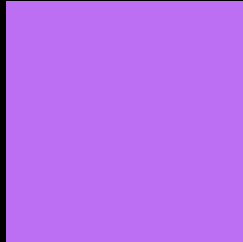
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 12414964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

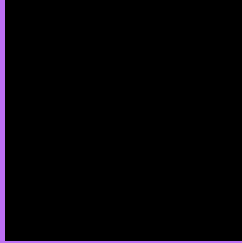
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 12414964 Background



This preview shows how black text looks on a background with the Decimal color 12414964.




This preview shows how white text looks on a background with the Decimal color 12414964.

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](#).

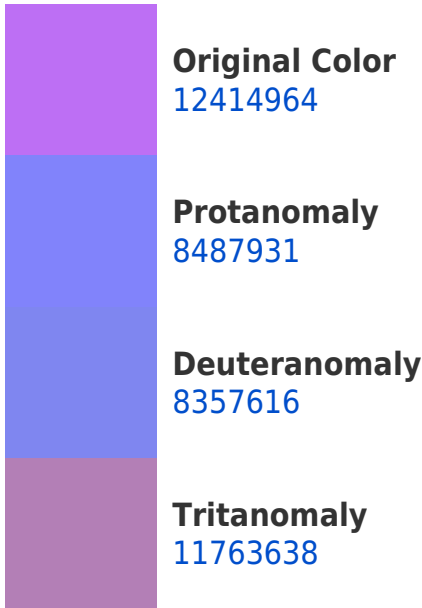
Dichromacy



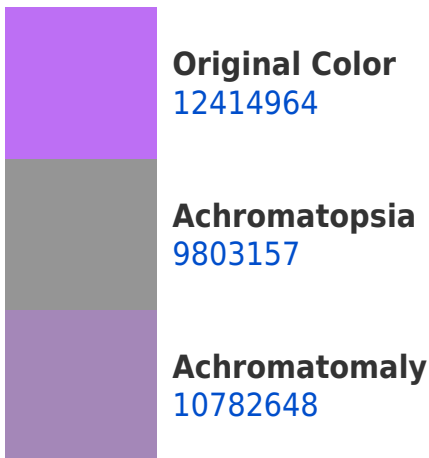


Tritanopia
11372691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12414964 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 #BD6FF4 looks like.

```
.text, #text, p{  
    color:#BD6FF4  
}
```

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 #BD6FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6FF4
}
```

Border

The CSS property to change the border of an element to Decimal 12414964 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
#BD6FF4 }
```

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

```
.border{ border-color:#BD6FF4 }
```

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

Here you see how a box with a 4 pixel #BD6FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6FF4; -webkit-box-shadow:4px 4px  
4px 4px #BD6FF4; box-shadow:4px 4px 4px  
4px #BD6FF4 }
```

Background

The CSS property to change the background color of an element to Decimal 12414964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6FF4 }
```

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

```
.background{ background-color:#BD6FF4 }
```

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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