

# Converting Colors

Decimal(15922431)

Have a look what the booklet for  
Decimal(15922431) contains.

<b>Decimal(15922431)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15922431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F4FF
RGB	242, 244, 255
RGB Percent	95%, 96%, 100%
CMY	0.0510, 0.0431, 0.0000
CMYK	0.05, 0.04, 0.00, 0.00
HSL	231°, 100%, 97%
HSV	231°, 5%, 100%
XYZ	87.0186, 90.7986, 107.5473
YIQ	244.6560, -4.7230, 2.9970

# Conversions

## Conversions Part 2

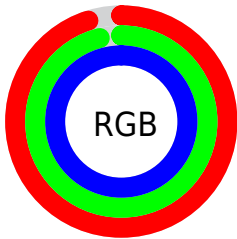
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 244, 255
Decimal	15922431
CIE <sub>Lab</sub>	96.33, 1.34, -5.51
CIE <sub>LCh</sub>	96, 5.671, 283.642
Y <sub>xy</sub>	90.7986, 0.3049, 0.3182
Android (android.graphics.Color)	4294112511 (0xFFFF2F4FF)
Y <sub>UV</sub>	244.6560, 5.0996, -2.3293
Hunter-Lab	95.2883, -3.7458, -0.2159

# Details

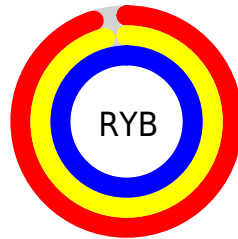
The Decimal color **15922431** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16776690**, and the grayscale version is **16119285**.

A 20% lighter version of the original color is **16777215**, and **12238022** is the 20% darker color. If you saturate the color by 10%, you get **14278399**, and if you desaturate by 10%, it is **16777215**.

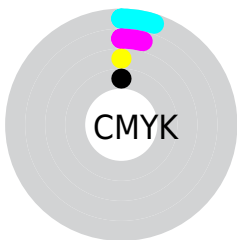
# Distribution



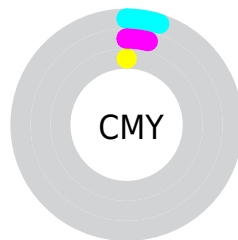
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15922431 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 15922431 by changing the saturation by 10% instead.



15922431

15922431

16777215

14080226

12238022

10461611

8750993

7105911

5461342

3948103

2500656

1184795

15922431

15922431

14278399

16777215

12569087

10859519

9215743

7506175

5862399

4152831

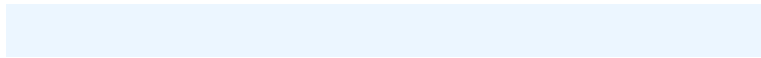
2508799

799487

# Harmonies

## Analogous

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



15529727



15922431



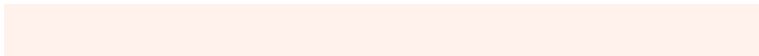
16380668

# Triad

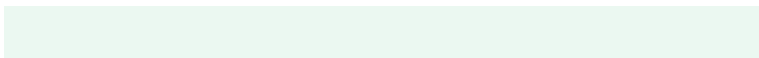
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15922431



16773869



15464689

# Complementary

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



15922431



16776690

# Split Complementary

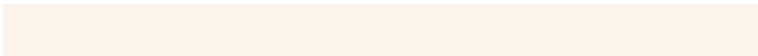
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15791852



15922431



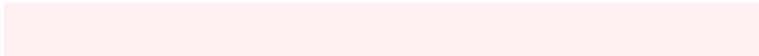
16577514

# Square

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



15922431



16773618



16184810



15268087

# Rectangle

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



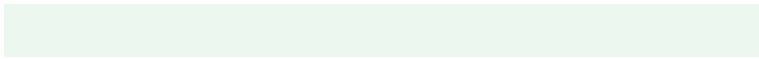
15922431



16577017



16184810



15529967



# Sweetspot

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



15922431



16448511



15925245



8224128



0



8421504



# Same Dimension

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



15922431



15790847



16184063



7829632



7615

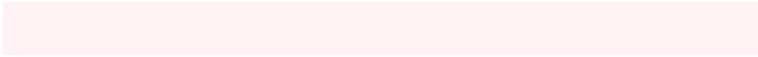


2624



# Inverse Universe

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



16773876



16773362



16515058



8419192



12517405

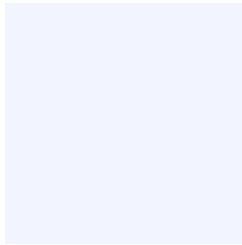


4194314



# Previews

## White Background



This preview shows how the Decimal color 15922431 looks on a white background.

## Color Contrast Check

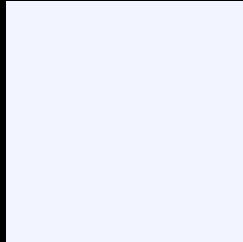
Large Text (above 18pt) WCAG AA × Fail

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 15922431 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 15922431 Background



This preview shows how black text looks on a background with the Decimal color 15922431.

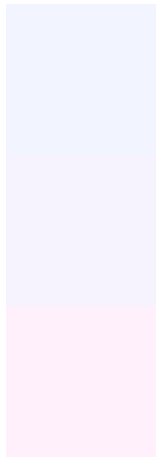


This preview shows how white text looks on a background with the Decimal color 15922431.

# 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



**Original Color**  
15922431

**Protanopia**  
16184318

**Deuteranopia**  
16773371



**Tritanopia**  
16053247

# Trichromacy



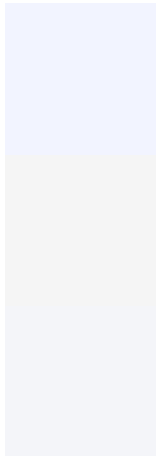
**Original Color**  
15922431

**Protanomaly**  
16118782

**Deuteranomaly**  
16445948

**Tritanomaly**  
15987711

# Monochromacy



**Original Color**  
15922431

**Achromatopsia**  
16119285

**Achromatomaly**  
16053753

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15922431 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 #F2F4FF looks like.

```
.text, #text, p{  
    color:#F2F4FF  
}
```

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 #F2F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2F4FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 15922431 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 #F2F4FF }  
}
```

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

```
.border{ border-color:#F2F4FF }
```

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

Here you see how a box with a 4 pixel #F2F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2F4FF; -webkit-box-shadow:4px 4px  
4px 4px #F2F4FF; box-shadow:4px 4px 4px  
4px #F2F4FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15922431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2F4FF }
```

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

```
.background{ background-color:#F2F4FF }
```

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