

# Converting Colors

Decimal(15463423)

Have a look what the booklet for  
Decimal(15463423) contains.

|  |    |
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# **Color**

**Decimal(15463423)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EBF3FF                     |
| RGB         | 235, 243, 255              |
| RGB Percent | 92%, 95%, 100%             |
| CMY         | 0.0784, 0.0471, 0.0000     |
| CMYK        | 0.08, 0.05, 0.00, 0.00     |
| HSL         | 216°, 100%, 96%            |
| HSV         | 216°, 8%, 100%             |
| XYZ         | 84.3615, 88.9834, 107.3369 |
| YIQ         | 241.9760, -8.6200, 2.0360  |

# Conversions

## Conversions Part 2

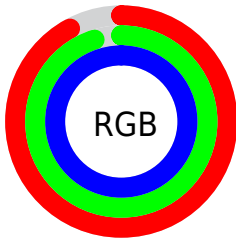
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 235, 241, 255                |
| Decimal                             | 15463423                     |
| CIE Lab                             | 95.57, -0.41, -6.68          |
| CIE LCh                             | 96, 6.693, 266.515           |
| Yxy                                 | 88.9834, 0.3006,<br>0.3170   |
| Android<br>(android.graphics.Color) | 4293653503<br>(0xFFEBF3FF)   |
| YUV                                 | 241.9760, 6.4208,<br>-6.1180 |
| Hunter-Lab                          | 94.3310, -5.4441,<br>-1.4329 |

# Details

The Decimal color **15463423** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16775147**, and the grayscale version is **15921906**.

A 20% lighter version of the original color is **16777215**, and **11779014** is the 20% darker color. If you saturate the color by 10%, you get **13821183**, and if you desaturate by 10%, it is **16777215**.

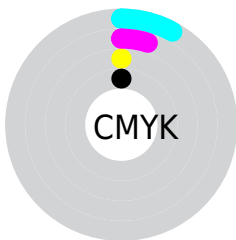
# Distribution



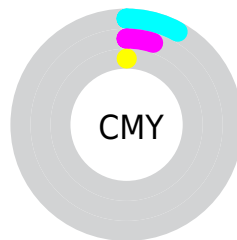
- Red (92%)
- Green (95%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15463423 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 15463423 by changing the saturation by 10% instead.



15463423

15463423

16777215

13621218

11779014

10002603

8291985

6647159

5067870

3554631

2172720

725787

15463423

15463423

13821183

16777215

12113151

10405375

8763135

7055359

5412863

3770623

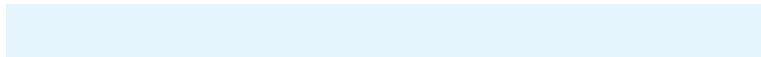
2062847

420351

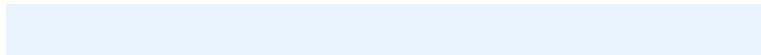
# Harmonies

## Analogous

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



15070717



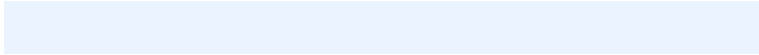
15463423



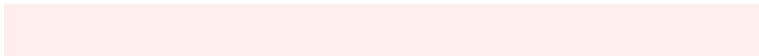
15987198

# Triad

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



15463423



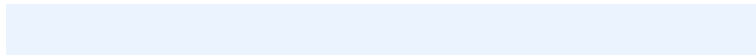
16772845



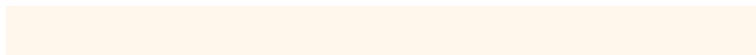
15398379

# Complementary

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



15463423



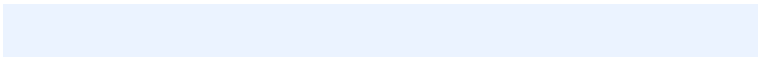
16775147

# Split Complementary

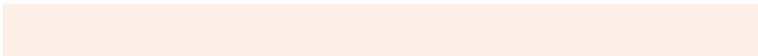
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15856871



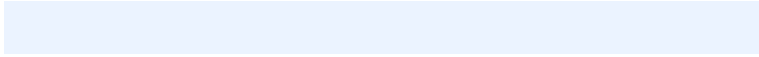
15463423



16707816

# Square

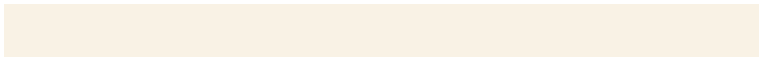
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15463423



16772851



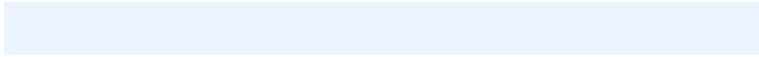
16380645



15070961

# Rectangle

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



15463423



16314619



16380645

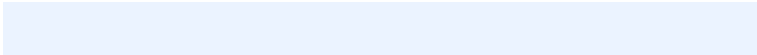


15529449



# Sweetspot

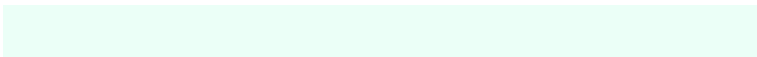
The Sweet Spot groups the original color and five complimentary colors.



15463423



16448767



15466487



8224384



0

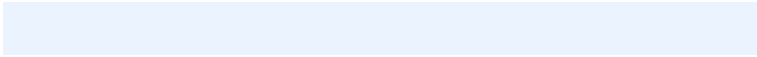


8421504

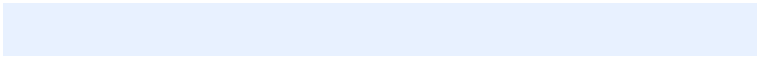


# Same Dimension

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



15463423



15266303



15592447



7567488



19903



6720



# Inverse Universe

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



16772083



16771313



16646123



8418168



12517452

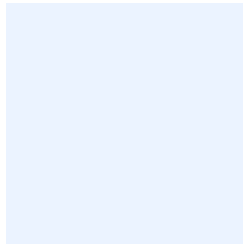


4194329



# Previews

## White Background



This preview shows how the Decimal color 15463423 looks on a white background.

## Color Contrast Check

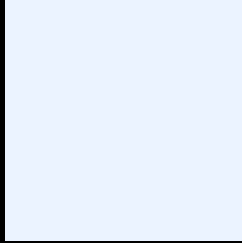
Large Text (above 18pt) WCAG AA × Fail

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 15463423 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

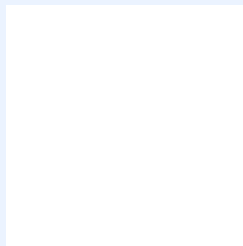
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15463423 Background



This preview shows how black text looks on a background with the Decimal color 15463423.



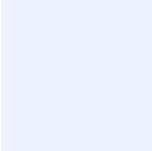
This preview shows how white text looks on a background with the Decimal color 15463423.

# 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](#).

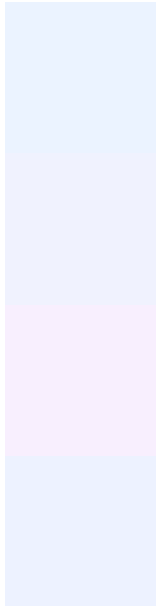
## Dichromacy





**Tritanopia**  
15659775

# Trichromacy



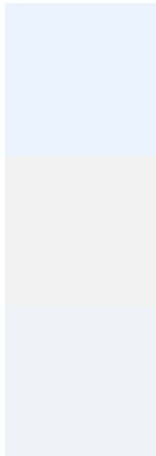
**Original Color**  
15463423

**Protanomaly**  
15790846

**Deuteranomaly**  
16314366

**Tritanomaly**  
15594239

# Monochromacy



**Original Color**  
15463423

**Achromatopsia**  
15921906

**Achromatomaly**  
15725303

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15463423 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 #EBF3FF looks like.

```
.text, #text, p{  
    color:#EBF3FF  
}
```

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 #EBF3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF3FF }
}
```

## Border

The CSS property to change the border of an element to Decimal 15463423 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 #EBF3FF }
```

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

```
.border{ border-color:#EBF3FF }
```

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

Here you see how a box with a 4 pixel #EBF3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF3FF; -webkit-box-shadow:4px 4px  
4px 4px #EBF3FF; box-shadow:4px 4px 4px  
4px #EBF3FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15463423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF3FF }
```

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

```
.background{ background-color:#EBF3FF }
```

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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