

# Converting Colors

Decimal(15462655)

Have a look what the booklet for  
Decimal(15462655) contains.

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# **Color**

**Decimal(15462655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF0FF
RGB	235, 240, 255
RGB Percent	92%, 94%, 100%
CMY	0.0784, 0.0588, 0.0000
CMYK	0.08, 0.06, 0.00, 0.00
HSL	225°, 100%, 96%
HSV	225°, 8%, 100%
XYZ	83.4710, 87.2023, 107.0401
YIQ	240.2150, -7.7950, 3.6050

# Conversions

## Conversions Part 2

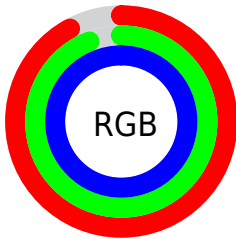
Format	Color
R <sub>Y</sub> B	235, 239, 255
Decimal	15462655
CIE Lab	94.82, 1.13, -7.79
CIE LCh	95, 7.870, 278.230
Yxy	87.2023, 0.3006, 0.3140
Android (android.graphics.Color)	4293652735 (0xFFEBF0FF)
YUV	240.2150, 7.2890, -4.5736
Hunter-Lab	93.3822, -3.8640, -2.5941

# Details

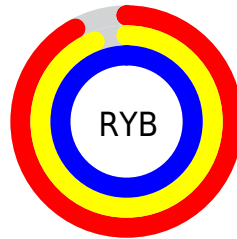
The Decimal color **15462655** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **16775915**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777215**, and **11778246** is the 20% darker color. If you saturate the color by 10%, you get **13819391**, and if you desaturate by 10%, it is **16777215**.

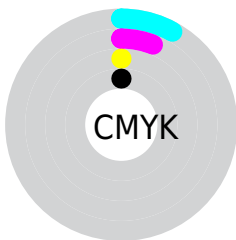
# Distribution



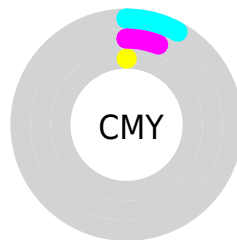
- Red (92%)
- Green (94%)
- Blue (100%)



- Red (92%)
- Yellow (94%)
- Blue (100%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15462655 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 15462655 by changing the saturation by 10% instead.



15462655

15462655

16777215

13620450

11778246

10001835

8291217

6646391

5067358

3554119

2172208

725019

15462655

15462655

13819391

16777215

12110591

10401791

8758527

7049471

5406207

3762943

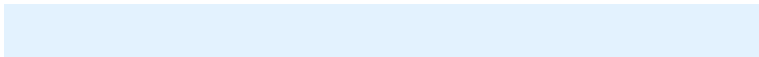
2054143

410879

# Harmonies

## Analogous

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



14938878



15462655



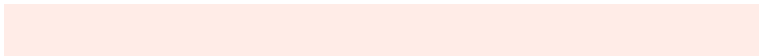
16051964

# Triad

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



15462655



16772327



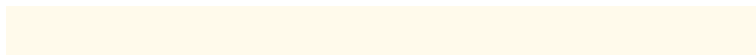
14939370

# Complementary

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



15462655



16775915

# 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.



15528932



15462655



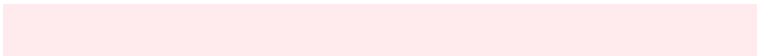
16576226

# Square

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



15462655



16772078



16052449



14677490

# Rectangle

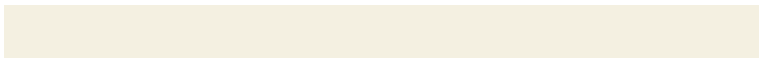
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



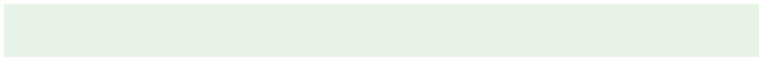
15462655



16444664



16052449



15135976

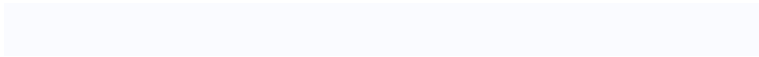


# Sweetspot

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



15462655



16448511



15466490



8224384



0



8421504



# Same Dimension

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



15462655



15265535



15789055



7566976



12479



4160



# Inverse Universe

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



16772080



16771310



16449515



8418166



12517424

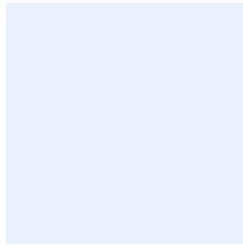


4194320



# Previews

## White Background



This preview shows how the Decimal color 15462655 looks on a white background.

## Color Contrast Check

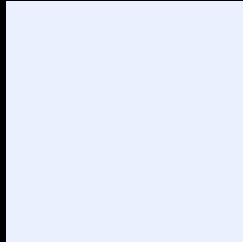
Large Text (above 18pt) WCAG AA × Fail

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 15462655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

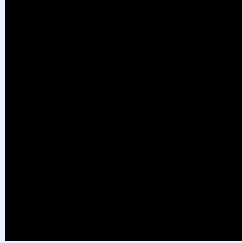
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

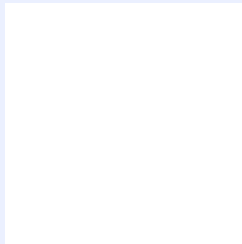
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15462655 Background



This preview shows how black text looks on a background with the Decimal color 15462655.



This preview shows how white text looks on a background with the Decimal color 15462655.

# 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](#).

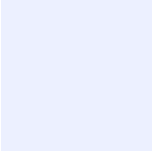
## Dichromacy



**Original Color**  
15462655

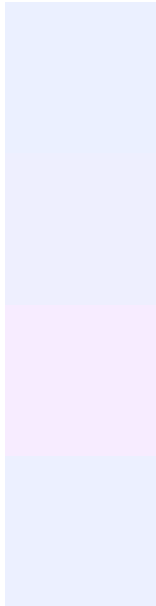
**Protanopia**  
15790078

**Deuteranopia**  
16706303



**Tritanopia**  
15528191

# Trichromacy



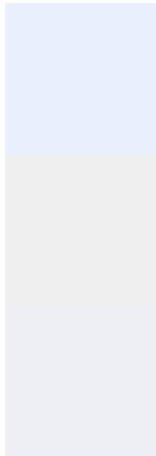
**Original Color**  
15462655

**Protanomaly**  
15659006

**Deuteranomaly**  
16248063

**Tritanomaly**  
15528191

# Monochromacy



**Original Color**  
15462655

**Achromatopsia**  
15790320

**Achromatomaly**  
15659253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15462655 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 #EBF0FF looks like.

```
.text, #text, p{  
    color:#EBF0FF  
}
```

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 #EBF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF0FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 15462655 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 #EBF0FF }  
}
```

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

```
.border{ border-color:#EBF0FF }
```

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

Here you see how a box with a 4 pixel #EBF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF0FF; -webkit-box-shadow:4px 4px  
4px 4px #EBF0FF; box-shadow:4px 4px 4px  
4px #EBF0FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15462655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF0FF }
```

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

```
.background{ background-color:#EBF0FF }
```

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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