

# Converting Colors

Decimal(15005695)

Have a look what the booklet for  
Decimal(15005695) contains.

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# **Color**

**Decimal(15005695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F7FF
RGB	228, 247, 255
RGB Percent	89%, 97%, 100%
CMY	0.1059, 0.0314, 0.0000
CMYK	0.11, 0.03, 0.00, 0.00
HSL	198°, 100%, 95%
HSV	198°, 11%, 100%
XYZ	83.3057, 90.2355, 107.6343
YIQ	242.2310, -13.8920, -1.5400

# Conversions

## Conversions Part 2

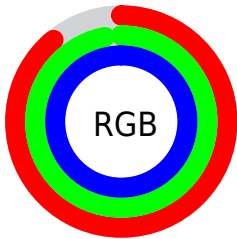
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 239, 255
Decimal	15005695
CIE Lab	96.09, -4.67, -5.97
CIE LCh	96, 7.574, 231.977
Yxy	90.2355, 0.2963, 0.3209
Android (android.graphics.Color)	4293195775 (0xFFE4F7FF)
YUV	242.2310, 6.2951, -12.4806
Hunter-Lab	94.9924, -9.6971, -0.6858

# Details

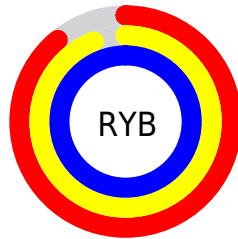
The Decimal color **15005695** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16772324**, and the grayscale version is **15921906**.

A 20% lighter version of the original color is **16777215**, and **11321286** is the 20% darker color. If you saturate the color by 10%, you get **13365247**, and if you desaturate by 10%, it is **16711679**.

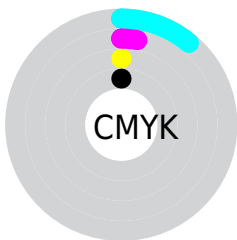
# Distribution



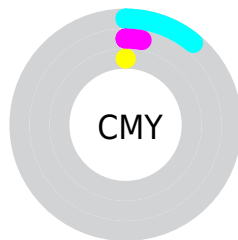
- Red (89%)
- Green (97%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15005695 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 15005695 by changing the saturation by 10% instead.



15005695

15005695

16777215

13163490

11321286

9610411

7899537

6254711

4675678

3162183

1780272

202267

15005695

15005695

13365247

16711679

11659519

16777215

10019071

8313343

6672895

4967167

3326719

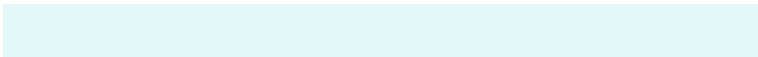
1620991

46079

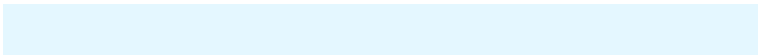
# Harmonies

## Analogous

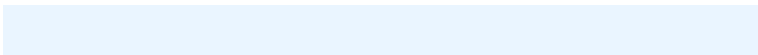
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14874873



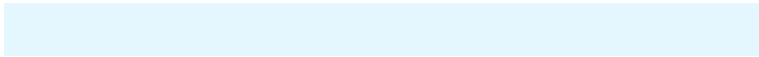
15005695



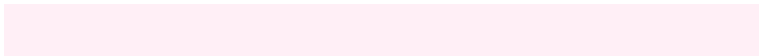
15398399

# Triad

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



15005695



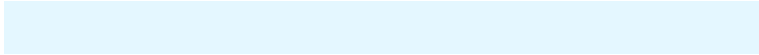
16773110



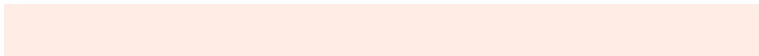
16053734

# Complementary

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



15005695



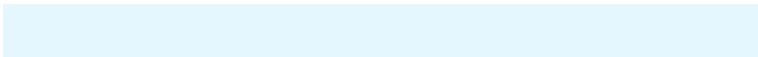
16772324

# Split Complementary

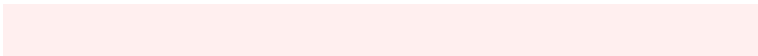
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16577509



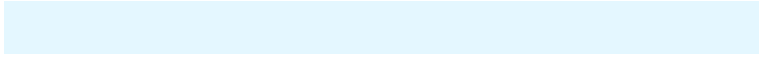
15005695



16773103

# Square

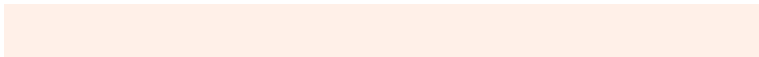
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



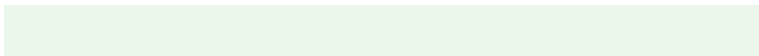
15005695



16576765



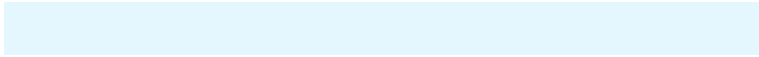
16773352



15529963

# Rectangle

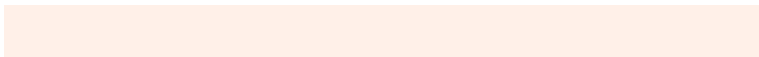
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15005695



15791103



16773352

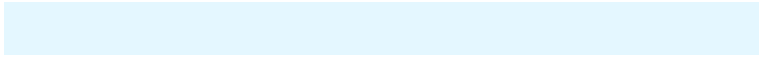


16250085

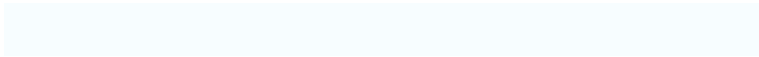


# Sweetspot

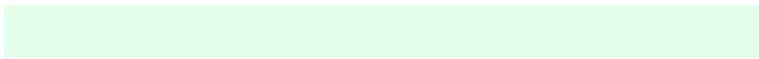
The Sweet Spot groups the original color and five complimentary colors.



15005695



16252415



15007724



8027776



0

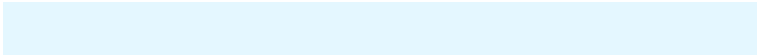


8421504

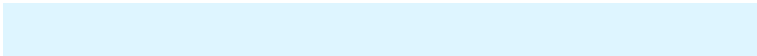


# Same Dimension

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



15005695



14611967



15002367



7568512



34751



11584



# Inverse Universe

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



16770295



16768757



16775652



8418172



12517511

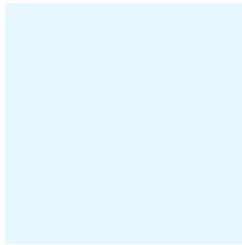


4194349



# Previews

## White Background



This preview shows how the Decimal color 15005695 looks on a white background.

## Color Contrast Check

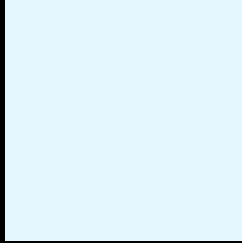
Large Text (above 18pt) WCAG AA × Fail

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 15005695 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

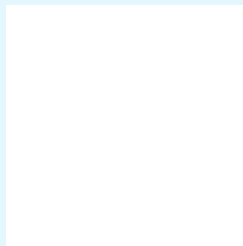
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15005695 Background



This preview shows how black text looks on a background with the Decimal color 15005695.



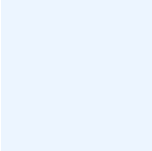
This preview shows how white text looks on a background with the Decimal color 15005695.

# 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](#).

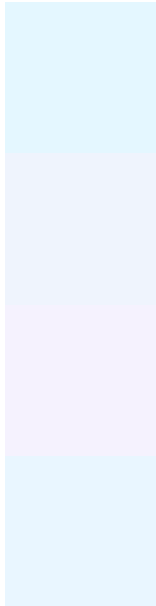
## Dichromacy





**Tritanopia**  
15529471

# Trichromacy



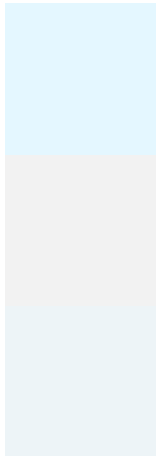
**Original Color**  
15005695

**Protanomaly**  
15725821

**Deuteranomaly**  
16118526

**Tritanomaly**  
15333119

# Monochromacy



**Original Color**  
15005695

**Achromatopsia**  
15921906

**Achromatomaly**  
15594743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15005695 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 #E4F7FF looks like.

```
.text, #text, p{  
    color:#E4F7FF  
}
```

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 #E4F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F7FF
}
```

## Border

The CSS property to change the border of an element to Decimal 15005695 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
#E4F7FF }
```

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

```
.border{ border-color:#E4F7FF }
```

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

Here you see how a box with a 4 pixel #E4F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F7FF; -webkit-box-shadow:4px 4px  
4px 4px #E4F7FF; box-shadow:4px 4px 4px  
4px #E4F7FF }
```

# Background

The CSS property to change the background color of an element to Decimal 15005695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F7FF }
```

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

```
.background{ background-color:#E4F7FF }
```

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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