

# Converting Colors

Decimal(15071736)

Have a look what the booklet for  
Decimal(15071736) contains.

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# **Color**

**Decimal(15071736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5F9F8
RGB	229, 249, 248
RGB Percent	90%, 98%, 97%
CMY	0.1020, 0.0235, 0.0275
CMYK	0.08, 0.00, 0.00, 0.02
HSL	177°, 63%, 94%
HSV	177°, 8%, 98%
XYZ	83.1321, 91.1867, 102.0262
YIQ	242.9060, -11.5990, -4.5510

# Conversions

## Conversions Part 2

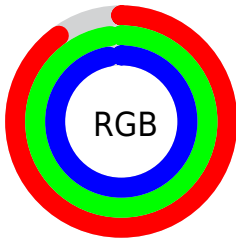
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 239, 249
Decimal	15071736
CIE Lab	96.49, -6.69, -1.77
CIE LCh	96, 6.919, 194.800
Yxy	91.1867, 0.3008, 0.3300
Android (android.graphics.Color)	4293261816 (0xFFE5F9F8)
YUV	242.9060, 2.5113, -12.1956
Hunter-Lab	95.4917, -11.7141, 3.4970

# Details

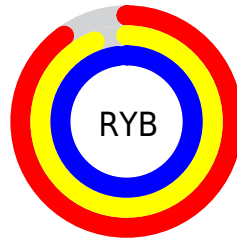
The Decimal color **15071736** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **16377318**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777215**, and **11387328** is the 20% darker color. If you saturate the color by 10%, you get **13433335**, and if you desaturate by 10%, it is **16710137**.

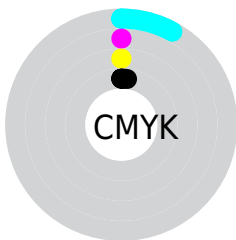
# Distribution



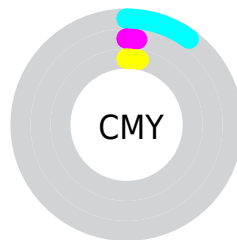
- Red (90%)
- Green (98%)
- Blue (97%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15071736 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 15071736 by changing the saturation by 10% instead.



15071736

15071736

16777215

13229275

11387328

9676197

7965578

6320753

4741464

3228225

1846315

268055

 15071736


 15071736

 13433335

 16710137

 11794934

 16775674

 10156532

 16775676

 8518131

 16775677

 6945266

 16775678

 5306865

 16775679

 3668463

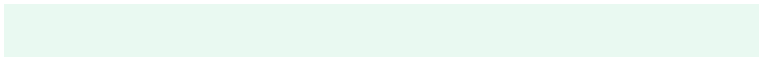
 2030062

 391661

# Harmonies

## Analogous

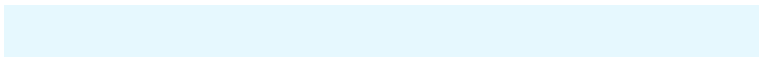
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15333873



15071736



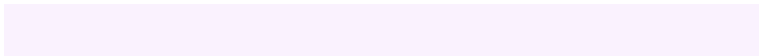
15137022

# Triad

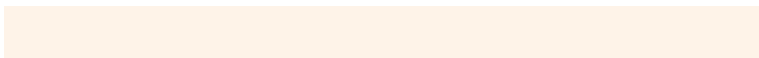
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15071736



16446206



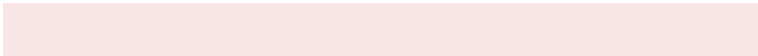
16708584

# Complementary

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



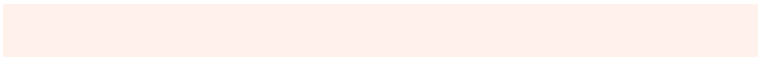
15071736



16377318

# 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.



16773612



15071736



16773625

# Square

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



15071736



15922431



16773618



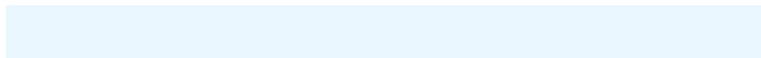
16250344

# Rectangle

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



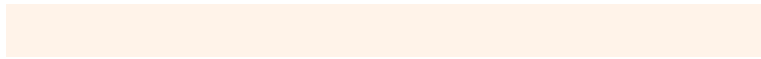
15071736



15333375



16773618

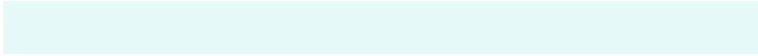


16774121



# Sweetspot

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



15071736



16449535



15137253



8224895



0



8421504



# Same Dimension

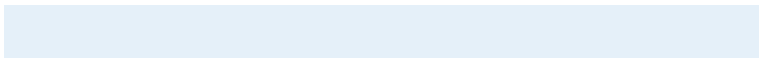
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15071736



15138814



15069433



7372156



48563



15674



# Inverse Universe

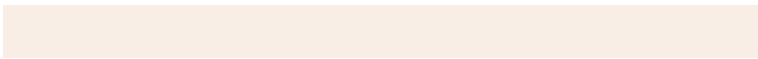
The Inverse Universe completely reimagines the original color for something new.



16377318



16770791



16379621



8220785



12386313

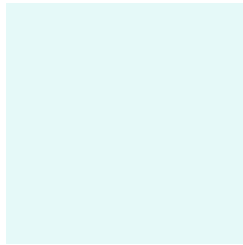


3997699



# Previews

## White Background



This preview shows how the Decimal color 15071736 looks on a white background.

## Color Contrast Check

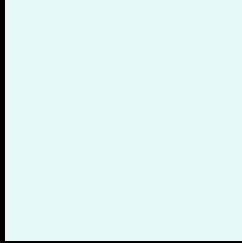
Large Text (above 18pt) WCAG AA × Fail

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 15071736 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

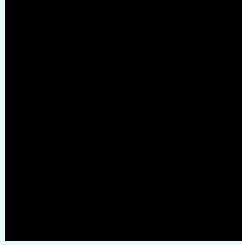
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

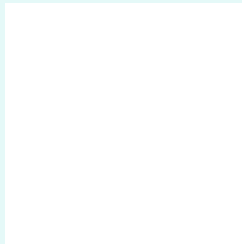
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15071736 Background



This preview shows how black text looks on a background with the Decimal color 15071736.

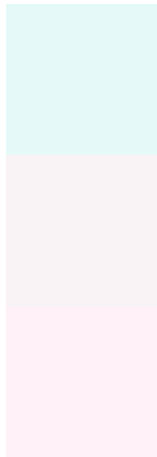


This preview shows how white text looks on a background with the Decimal color 15071736.

# 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**  
15071736

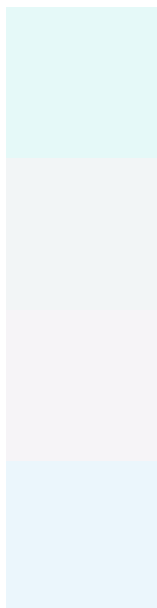
**Protanopia**  
16380917

**Deuteranopia**  
16773623



**Tritanopia**  
15726079

# Trichromacy



**Original Color**

15071736

**Protanomaly**

15922678

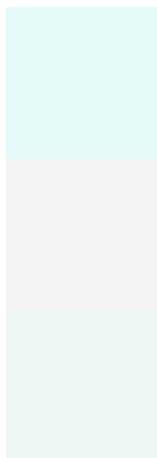
**Deuteranomaly**

16184567

**Tritanomaly**

15464188

# Monochromacy



**Original Color**

15071736

**Achromatopsia**

15987699

**Achromatomaly**

15660533

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15071736 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 #E5F9F8 looks like.

```
.text, #text, p{  
  color:#E5F9F8  
}
```

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 #E5F9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5F9F8
}
```

## Border

The CSS property to change the border of an element to Decimal 15071736 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
#E5F9F8 }
```

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

```
.border{ border-color:#E5F9F8 }
```

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

Here you see how a box with a 4 pixel #E5F9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5F9F8; -webkit-box-shadow:4px 4px  
4px 4px #E5F9F8; box-shadow:4px 4px 4px  
4px #E5F9F8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15071736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5F9F8 }
```

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

```
.background{ background-color:#E5F9F8 }
```

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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