

# Converting Colors

Decimal(15005685)

Have a look what the booklet for  
Decimal(15005685) contains.

<b>Decimal(15005685)</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(15005685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F7F5
RGB	228, 247, 245
RGB Percent	89%, 97%, 96%
CMY	0.1059, 0.0314, 0.0392
CMYK	0.08, 0.00, 0.01, 0.03
HSL	174°, 54%, 93%
HSV	174°, 8%, 97%
XYZ	81.7371, 89.6081, 99.3743
YIQ	241.0910, -10.6820, -4.6500

# Conversions

## Conversions Part 2

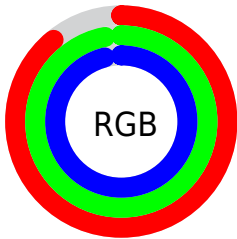
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 238, 247
Decimal	15005685
CIE <sub>Lab</sub>	95.83, -6.57, -1.18
CIE <sub>LCh</sub>	96, 6.671, 190.212
Yxy	89.6081, 0.3019, 0.3310
Android (android.graphics.Color)	4293195765 (0xFFE4F7F5)
YUV	241.0910, 1.9271, -11.4808
Hunter-Lab	94.6615, -11.5289, 4.0213

# Details

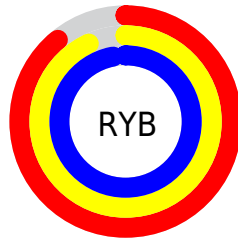
The Decimal color **15005685** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16245990**, and the grayscale version is **15856113**.

A 20% lighter version of the original color is **16777215**, and **11386813** is the 20% darker color. If you saturate the color by 10%, you get **13367282**, and if you desaturate by 10%, it is **16644088**.

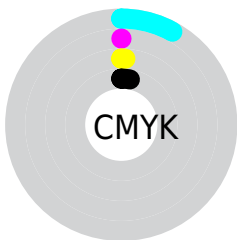
# Distribution



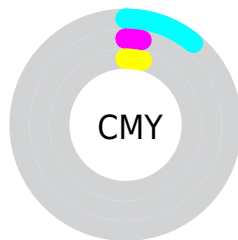
- Red (89%)
- Green (97%)
- Blue (96%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15005685 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 15005685 by changing the saturation by 10% instead.



15005685

15005685

16777215

13163481

11386813

9610402

7899528

6254702

4675414

3227711

1780265

202260

 15005685


 15005685

 13367282

 16644088

 11794416

 16775162

 10156013

 16775165

 8517611

 16775167

 6944744

 5306341

 3667939

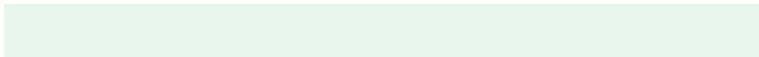
 2029536

 456670

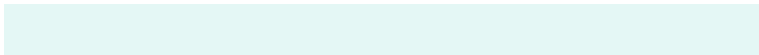
# Harmonies

## Analogous

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



15267822



15005685



15005435

# Triad

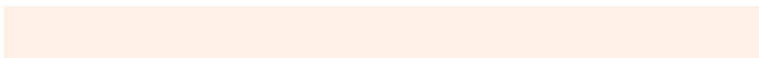
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15005685



16249341



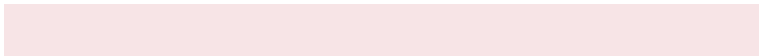
16642535

# Complementary

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



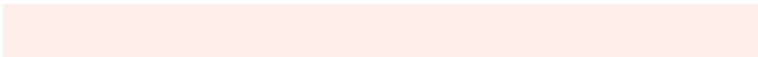
15005685



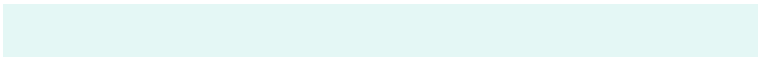
16245990

# 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.



16773099



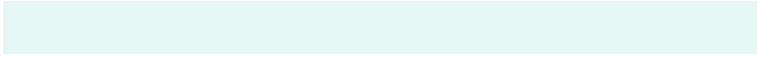
15005685



16707576

# Square

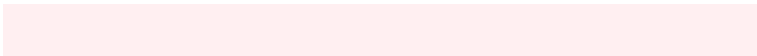
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15005685



15725567



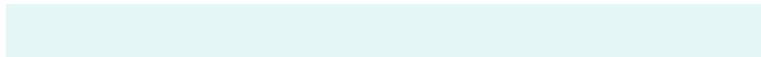
16773105



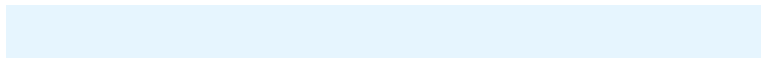
16184294

# Rectangle

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



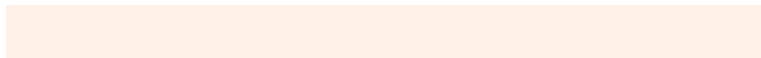
15005685



15136254



16773105



16773352



# Sweetspot

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



15005685



16449534



15136740



8224895



0



8421504



# Same Dimension

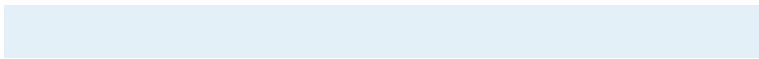
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15005685



15269885



15003895



7240313



47783



15156



# Inverse Universe

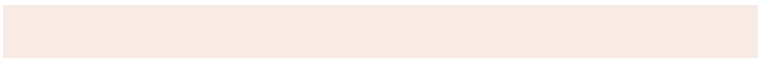
The Inverse Universe completely reimagines the original color for something new.



16245990



16771306



16247780



8023663



12189716

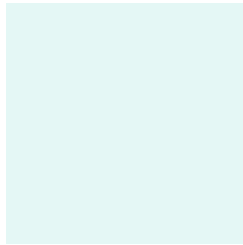


3866630



# Previews

## White Background



This preview shows how the Decimal color 15005685 looks on a white background.

## Color Contrast Check

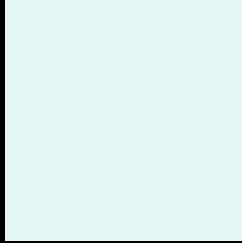
Large Text (above 18pt) WCAG AA × Fail

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 15005685 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

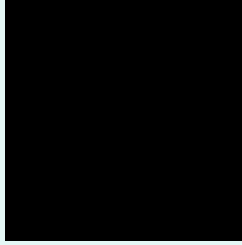
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

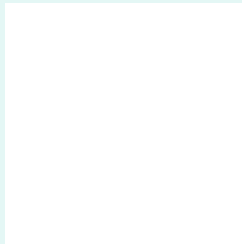
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15005685 Background



This preview shows how black text looks on a background with the Decimal color 15005685.



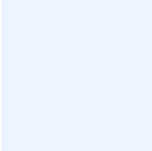
This preview shows how white text looks on a background with the Decimal color 15005685.

# 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](#).

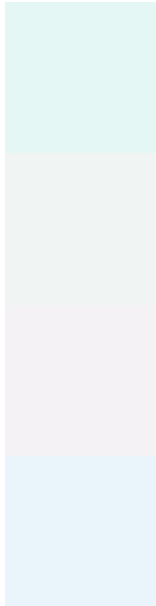
## Dichromacy





**Tritanopia**  
15529215

# Trichromacy



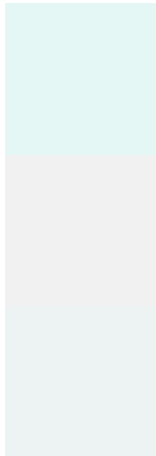
**Original Color**  
15005685

**Protanomaly**  
15791347

**Deuteranomaly**  
16118517

**Tritanomaly**  
15332859

# Monochromacy



**Original Color**  
15005685

**Achromatopsia**  
15856113

**Achromatomaly**  
15528946

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15005685 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 #E4F7F5 looks like.

```
.text, #text, p{  
  color:#E4F7F5  
}
```

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 #E4F7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F7F5
}
```

## Border

The CSS property to change the border of an element to Decimal 15005685 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
#E4F7F5 }
```

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

```
.border{ border-color:#E4F7F5 }
```

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

Here you see how a box with a 4 pixel #E4F7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F7F5; -webkit-box-shadow:4px 4px  
4px 4px #E4F7F5; box-shadow:4px 4px 4px  
4px #E4F7F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15005685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F7F5 }
```

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

```
.background{ background-color:#E4F7F5 }
```

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