

# Converting Colors

Decimal(15331066)

Have a look what the booklet for  
Decimal(15331066) contains.

<b>Decimal(15331066)</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(15331066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EEFA
RGB	233, 238, 250
RGB Percent	91%, 93%, 98%
CMY	0.0863, 0.0667, 0.0196
CMYK	0.07, 0.05, 0.00, 0.02
HSL	222°, 63%, 95%
HSV	222°, 7%, 98%
XYZ	81.4341, 85.3748, 102.6294
YIQ	237.8730, -6.8320, 2.6720

# Conversions

## Conversions Part 2

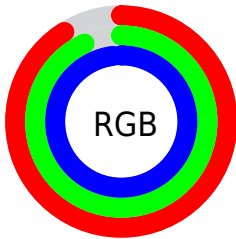
Format	Color
R <sub>YB</sub>	233, 237, 250
Decimal	15331066
CIE Lab	94.04, 0.56, -6.36
CIE LCh	94, 6.388, 275.032
Yxy	85.3748, 0.3022, 0.3169
Android (android.graphics.Color)	4293521146 (0xFFE9EEFA)
YUV	237.8730, 5.9786, -4.2736
Hunter-Lab	92.3985, -4.3789, -1.1760

# Details

The Decimal color **15331066** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16446953**, and the grayscale version is **15658734**.

A 20% lighter version of the original color is **16777215**, and **11646658** is the 20% darker color. If you saturate the color by 10%, you get **13688058**, and if you desaturate by 10%, it is **16777210**.

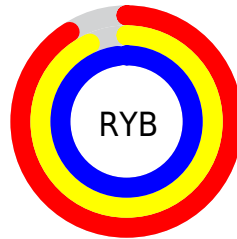
# Distribution



Red (91%)

Green (93%)

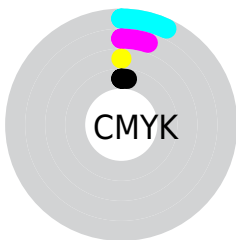
Blue (98%)



Red (91%)

Yellow (93%)

Blue (98%)

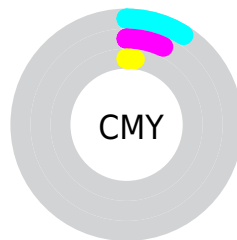


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (7%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15331066 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 15331066 by changing the saturation by 10% instead.



15331066

15331066

16777215

13488861

11646658

9935782

8225164

6580339

5001306

3488067

2106412

593432

15331066

15331066

13688058

16777210

12045306

10402298

8759290

7116538

5473530

3830522

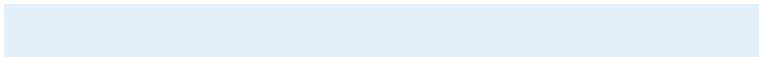
2187770

544762

# Harmonies

## Analogous

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



14938361



15331066



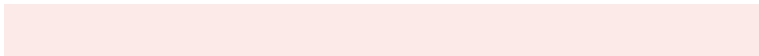
15854840

# Triad

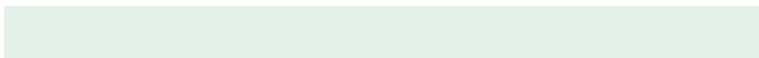
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15331066



16509671



15004136

# Complementary

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



15331066



16446953

# 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.



15462628



15331066



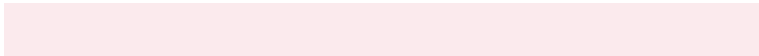
16313571

# Square

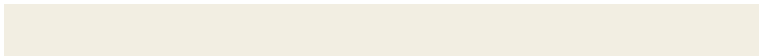
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15331066



16509677



15920866



14742255

# Rectangle

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



15331066



16116725



15920866



15135207



# Sweetspot

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



15331066



16448511



15334133



8224384



0



8421504



# Same Dimension

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



15331066



15462911



15526394



7369853



14525



4669



# Inverse Universe

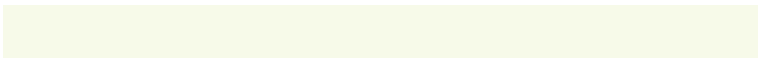
The Inverse Universe completely reimagines the original color for something new.



16443886



16772081



16251625



8220788



12386360

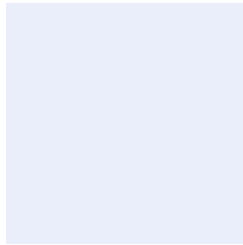


3997714



# Previews

## White Background



This preview shows how the Decimal color 15331066 looks on a white background.

## Color Contrast Check

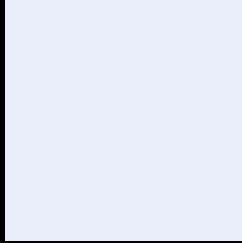
Large Text (above 18pt) WCAG AA × Fail

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 15331066 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

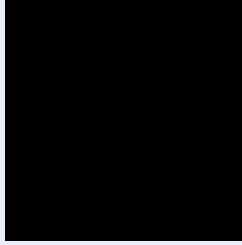
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

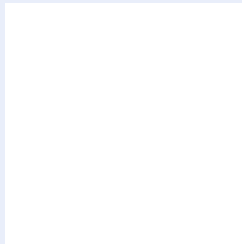
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15331066 Background



This preview shows how black text looks on a background with the Decimal color 15331066.




This preview shows how white text looks on a background with the Decimal color 15331066.

# 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](#).

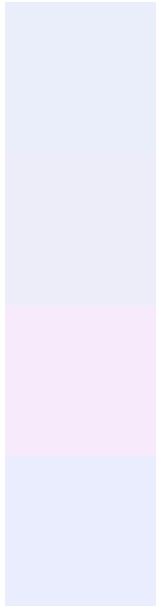
## Dichromacy





**Tritanopia**  
15396351

# Trichromacy



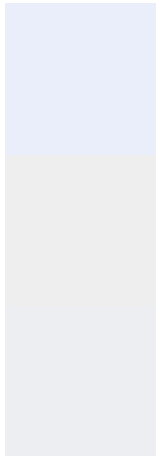
**Original Color**  
15331066

**Protanomaly**  
15592953

**Deuteranomaly**  
16247547

**Tritanomaly**  
15396349

# Monochromacy



**Original Color**  
15331066

**Achromatopsia**  
15658734

**Achromatomaly**  
15527666

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15331066 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 #E9EEFA looks like.

```
.text, #text, p{  
    color:#E9EEFA  
}
```

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 #E9EEFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EEFA
}
```

## Border

The CSS property to change the border of an element to Decimal 15331066 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
#E9EEFA }
```

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

```
.border{ border-color:#E9EEFA }
```

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

Here you see how a box with a 4 pixel #E9EEFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EEFA; -webkit-box-shadow:4px 4px  
4px 4px #E9EEFA; box-shadow:4px 4px 4px  
4px #E9EEFA }
```

# Background

The CSS property to change the background color of an element to Decimal 15331066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EEFA }
```

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

```
.background{ background-color:#E9EEFA }
```

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