

# Converting Colors

Decimal(14215155)

Have a look what the booklet for  
Decimal(14215155) contains.

<b>Decimal(14215155)</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(14215155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8E7F3
RGB	216, 231, 243
RGB Percent	85%, 91%, 95%
CMY	0.1529, 0.0941, 0.0471
CMYK	0.11, 0.05, 0.00, 0.05
HSL	207°, 53%, 90%
HSV	207°, 11%, 95%
XYZ	73.0725, 78.2218, 96.0410
YIQ	227.8830, -12.7920, 0.5520

# Conversions

## Conversions Part 2

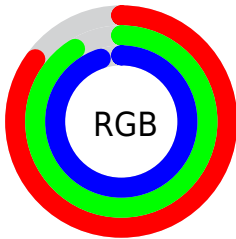
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 226, 243
Decimal	14215155
CIE Lab	90.88, -2.65, -7.53
CIE LCh	91, 7.981, 250.616
Yxy	78.2218, 0.2954, 0.3163
Android (android.graphics.Color)	4292405235 (0xFFD8E7F3)
YUV	227.8830, 7.4527, -10.4214
Hunter-Lab	88.4431, -7.2971, -2.4733

# Details

The Decimal color **14215155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15983832**, and the grayscale version is **15000804**.

A 20% lighter version of the original color is **16777215**, and **10596283** is the 20% darker color. If you saturate the color by 10%, you get **12639475**, and if you desaturate by 10%, it is **15790835**.

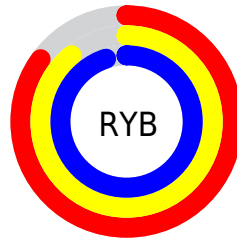
# Distribution



Red (85%)

Green (91%)

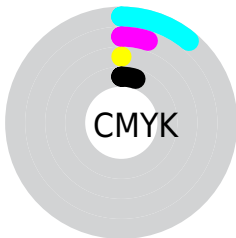
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

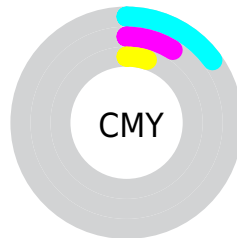


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14215155 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 14215155 by changing the saturation by 10% instead.



■ 14215155

16777215

■ 14215155

■ 12372951

■ 10596283

■ 8885664

■ 7175046

■ 5595756

■ 4016724

■ 2569277

■ 1187623

■ 1555

■ 14215155

■ 14215155

■ 12639475

■ 15790835

■ 10998259

■ 16776691

■ 9422835

■ 16777203

■ 7847155

■ 6271475

■ 4630259

■ 3054579

■ 1479155

■ 34803

# Harmonies

## Analogous

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



13887982



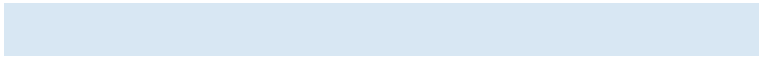
14215155



14738932

# Triad

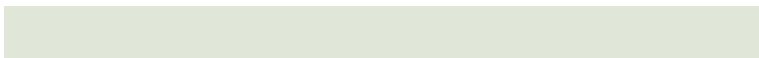
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14215155



16179426



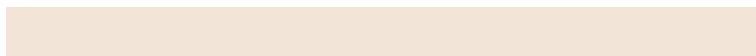
14739417

# Complementary

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



14215155



15983832

# Split Complementary

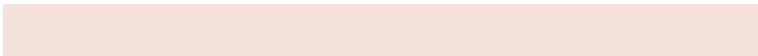
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15328726



14215155



16114139

# Square

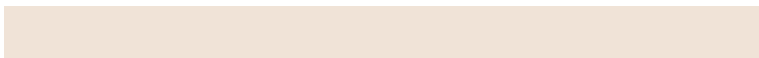
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14215155



15851754



15786967



14215648

# Rectangle

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



14215155



15197170



15786967



14936024



# Sweetspot

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



14215155



16252159



14218212



8027520



0



8421504

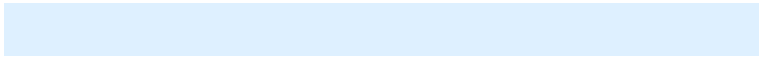


# Same Dimension

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



14215155



14610687



14211827



7239034



26554



8507



# Inverse Universe

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



15980775



16768752



15987160



8023669



12189799

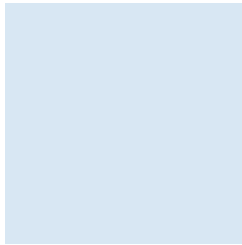


3866657



# Previews

## White Background



This preview shows how the Decimal color 14215155 looks on a white background.

## Color Contrast Check

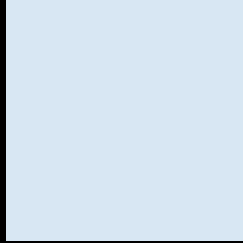
Large Text (above 18pt) WCAG AA × Fail

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 14215155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

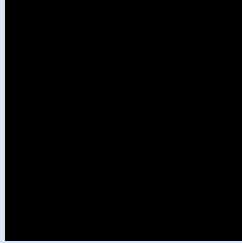
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

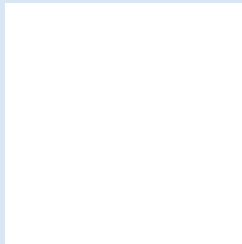
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14215155 Background



This preview shows how black text looks on a background with the Decimal color 14215155.

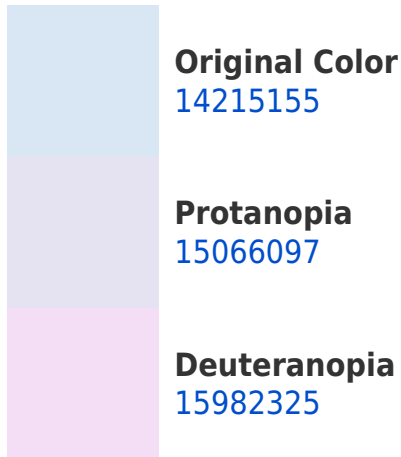


This preview shows how white text looks on a background with the Decimal color 14215155.

# 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](#).

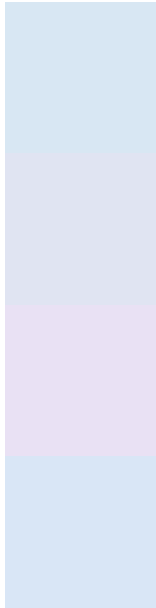
## Dichromacy





**Tritanopia**  
14280440

# Trichromacy



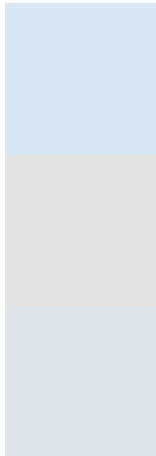
**Original Color**  
14215155

**Protanomaly**  
14738674

**Deuteranomaly**  
15327732

**Tritanomaly**  
14280438

# Monochromacy



**Original Color**  
14215155

**Achromatopsia**  
15000804

**Achromatomaly**  
14738921

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14215155 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 #D8E7F3 looks like.

```
.text, #text, p{  
    color:#D8E7F3  
}
```

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 #D8E7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E7F3
}
```

## Border

The CSS property to change the border of an element to Decimal 14215155 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
#D8E7F3 }
```

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

```
.border{ border-color:#D8E7F3 }
```

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

Here you see how a box with a 4 pixel #D8E7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E7F3; -webkit-box-shadow:4px 4px  
4px 4px #D8E7F3; box-shadow:4px 4px 4px  
4px #D8E7F3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14215155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E7F3 }
```

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

```
.background{ background-color:#D8E7F3 }
```

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