

# Converting Colors

Decimal(13753318)

Have a look what the booklet for  
Decimal(13753318) contains.

<b>Decimal(13753318)</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(13753318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1DBE6
RGB	209, 219, 230
RGB Percent	82%, 86%, 90%
CMY	0.1804, 0.1412, 0.0980
CMYK	0.09, 0.05, 0.00, 0.10
HSL	211°, 30%, 86%
HSV	211°, 9%, 90%
XYZ	65.9089, 69.9315, 84.8873
YIQ	217.2640, -9.4910, 1.3010

# Conversions

## Conversions Part 2

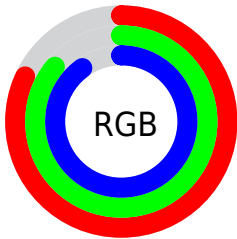
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 216, 230
Decimal	13753318
CIE <sub>Lab</sub>	86.96, -1.25, -6.55
CIE <sub>LCh</sub>	87, 6.668, 259.219
Yxy	69.9315, 0.2986, 0.3168
Android (android.graphics.Color)	4291943398 (0xFFD1DBE6)
YUV	217.2640, 6.2788, -7.2475
Hunter-Lab	83.6251, -5.6594, -1.6474

# Details

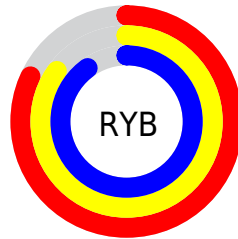
The Decimal color **13753318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15129809**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16777215**, and **10200239** is the 20% darker color. If you saturate the color by 10%, you get **12242918**, and if you desaturate by 10%, it is **15263718**.

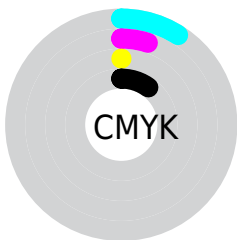
# Distribution



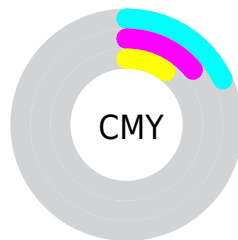
- Red (82%)
- Green (86%)
- Blue (90%)



- Red (82%)
- Yellow (85%)
- Blue (90%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (14%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13753318 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 13753318 by changing the saturation by 10% instead.



■ 13753318

16777215

■ 13753318

■ 11911114

■ 10200239

■ 8424084

■ 6779002

■ 5199969

■ 3686730

■ 2239283

■ 923166

■ 3

■ 13753318

■ 13753318

■ 12242918

■ 15263718

■ 10732518

■ 16774118

■ 9222118

■ 16777190

■ 7711718

■ 6201318

■ 4690918

■ 3180518

■ 1670118

■ 159718

# Harmonies

## Analogous

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



13426147



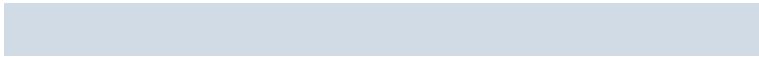
13753318



14211558

# Triad

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



13753318



15259350



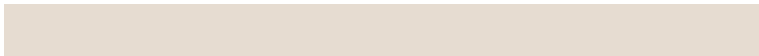
13884625

# Complementary

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



13753318



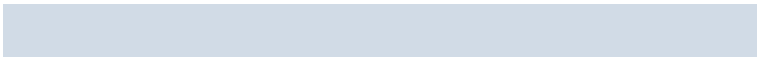
15129809

# 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.



14408654



13753318



15128528

# Square

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



13753318



15128284



14866893



13491927

# Rectangle

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



13753318



14604516



14866893

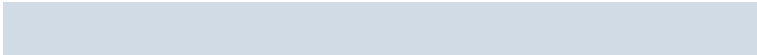


14081232



# Sweetspot

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



13753318



16251903



13756124



8027520



0



8421504

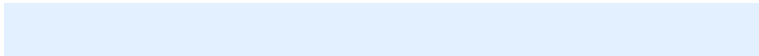


# Same Dimension

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



13753318



14938367



13750758



6778227



21939



6195



# Inverse Universe

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



15127003



16770032



15132369



7563117



11731029

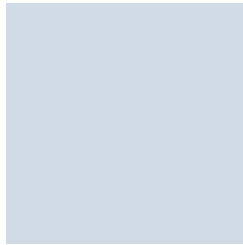


3342360



# Previews

## White Background



This preview shows how the Decimal color 13753318 looks on a white background.

## Color Contrast Check

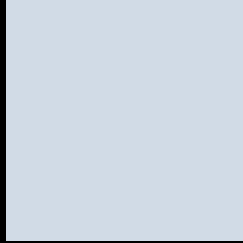
Large Text (above 18pt) WCAG AA × Fail

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 13753318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

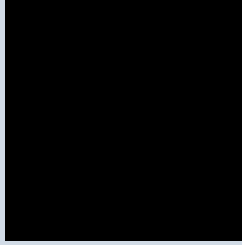
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

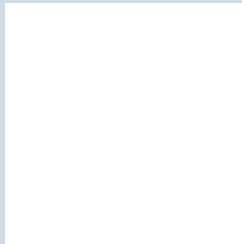
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13753318 Background



This preview shows how black text looks on a background with the Decimal color 13753318.

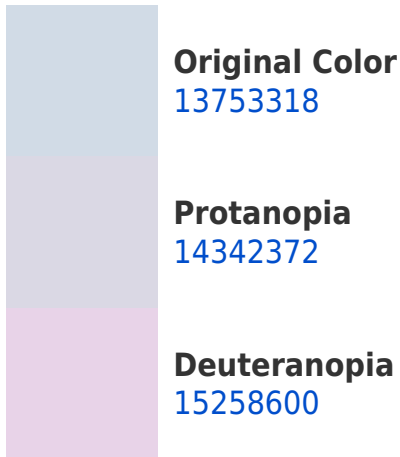


This preview shows how white text looks on a background with the Decimal color 13753318.

# 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](#).

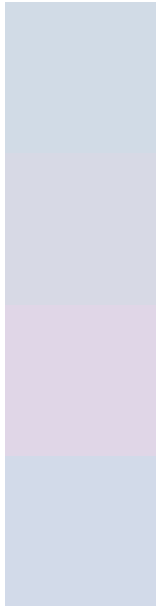
## Dichromacy





**Tritanopia**  
13818603

# Trichromacy



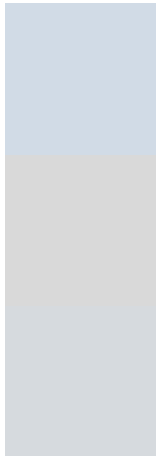
**Original Color**  
13753318

**Protanomaly**  
14146021

**Deuteranomaly**  
14735079

**Tritanomaly**  
13818601

# Monochromacy



**Original Color**  
13753318

**Achromatopsia**  
14277081

**Achromatomaly**  
14080734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13753318 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 #D1DBE6 looks like.

```
.text, #text, p{  
    color:#D1DBE6  
}
```

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 #D1DBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1DBE6
}
```

## Border

The CSS property to change the border of an element to Decimal 13753318 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
#D1DBE6 }
```

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

```
.border{ border-color:#D1DBE6 }
```

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

Here you see how a box with a 4 pixel #D1DBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1DBE6; -webkit-box-shadow:4px 4px  
4px 4px #D1DBE6; box-shadow:4px 4px 4px  
4px #D1DBE6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13753318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1DBE6 }
```

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

```
.background{ background-color:#D1DBE6 }
```

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