

# Converting Colors

Decimal(13550583)

Have a look what the booklet for  
Decimal(13550583) contains.

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# **Color**

**Decimal(13550583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC3F7
RGB	206, 195, 247
RGB Percent	81%, 76%, 97%
CMY	0.1922, 0.2353, 0.0314
CMYK	0.17, 0.21, 0.00, 0.03
HSL	253°, 76%, 87%
HSV	253°, 21%, 97%
XYZ	61.7572, 58.8674, 96.1033
YIQ	204.2170, -10.1360, 18.5040

# Conversions

## Conversions Part 2

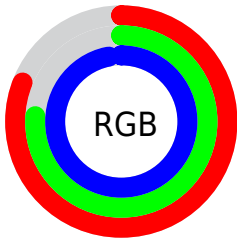
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	206, 195, 247
Decimal	13550583
CIELab	81.22, 14.02, -24.23
CIElCh	81, 27.992, 300.054
Yxy	58.8674, 0.2850, 0.2716
Android (android.graphics.Color)	4291740663 (0xFFCEC3F7)
YUV	204.2170, 21.0920, 1.5637
Hunter-Lab	76.7251, 9.4084, -20.5571

# Details

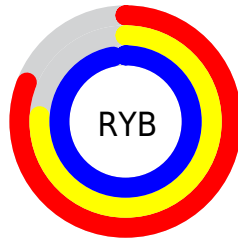
The Decimal color **13550583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15529923**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16776447**, and **9932223** is the 20% darker color. If you saturate the color by 10%, you get **12298999**, and if you desaturate by 10%, it is **14802167**.

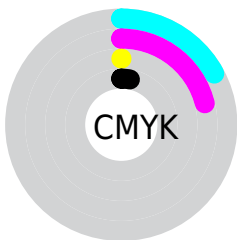
# Distribution



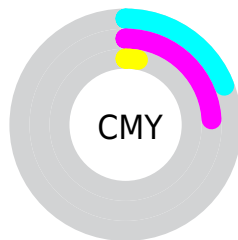
- Red (81%)
- Green (76%)
- Blue (97%)



- Red (81%)
- Yellow (76%)
- Blue (97%)



- Cyan (17%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (24%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13550583 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 13550583 by changing the saturation by 10% instead.



■ 13550583

16777215

■ 16776447

■ 13550583

■ 11708634

■ 9932223

■ 8221859

■ 6511497

■ 4932719

■ 3353943

■ 1841471

■ 524329

■ 275

 13550583

 13550583

 12298999

 14802167

 10982135

 16119031

 9730551

 16777207

 8413431

 7162103

 5844983

 4593399

 3408119

# Harmonies

## Analogous

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



11193598



13550583



15514596

# Triad

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



13550583



15974301



9034185

# Complementary

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



13550583



15529923

# 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.



10737327



13550583



14534805

# Square

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



13550583



16693681



12701852



8247523

# Rectangle

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



13550583



16300244



12701852



9492672



# Sweetspot

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



13550583



15986943



12840439



7894912



0



8421504



# Same Dimension

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



13550583



13484031



15188983



7433850



2556090



786491



# Inverse Universe

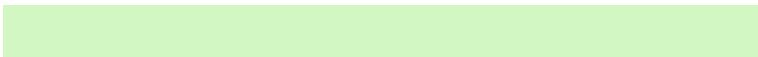
The Inverse Universe completely reimagines the original color for something new.



16237548



16760818



13891523



8023672



12189843

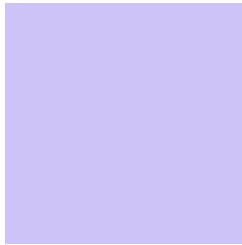


3866670



# Previews

## White Background



This preview shows how the Decimal color 13550583 looks on a white background.

## Color Contrast Check

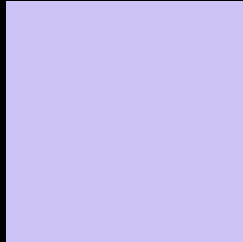
Large Text (above 18pt) WCAG AA × Fail

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 13550583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

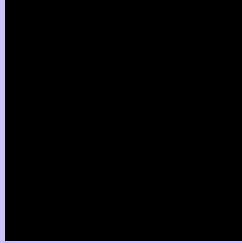
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13550583 Background



This preview shows how black text looks on a background with the Decimal color 13550583.



This preview shows how white text looks on a background with the Decimal color 13550583.

# 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**  
13224152

# Trichromacy



**Original Color**  
13550583

**Protanomaly**  
12895993

**Deuteranomaly**  
13288695

**Tritanomaly**  
13354723

# Monochromacy



**Original Color**  
13550583

**Achromatopsia**  
13421772

**Achromatomaly**  
13486556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13550583 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 #CEC3F7 looks like.

```
.text, #text, p{  
    color:#CEC3F7  
}
```

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 #CEC3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC3F7
}
```

## Border

The CSS property to change the border of an element to Decimal 13550583 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
#CEC3F7 }
```

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

```
.border{ border-color:#CEC3F7 }
```

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

Here you see how a box with a 4 pixel #CEC3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC3F7; -webkit-box-shadow:4px 4px  
4px 4px #CEC3F7; box-shadow:4px 4px 4px  
4px #CEC3F7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13550583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC3F7 }
```

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

```
.background{ background-color:#CEC3F7 }
```

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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