

# Converting Colors

Decimal(7589613)

Have a look what the booklet for  
Decimal(7589613) contains.

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# **Color**

**Decimal(7589613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73CEED
RGB	115, 206, 237
RGB Percent	45%, 81%, 93%
CMY	0.5490, 0.1922, 0.0706
CMYK	0.51, 0.13, 0.00, 0.07
HSL	195°, 77%, 69%
HSV	195°, 51%, 93%
XYZ	44.4276, 53.9019, 88.1833
YIQ	182.3250, -64.1870, -9.6510

# Conversions

## Conversions Part 2

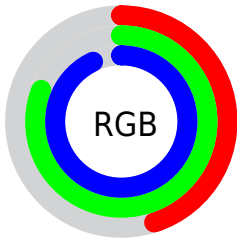
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 167, 237</a>
Decimal	<a href="#">7589613</a>
CIELab	<a href="#">78.40, -18.88, -23.66</a>
CIELCh	<a href="#">78, 30.267, 231.414</a>
Yxy	<a href="#">53.9019, 0.2382, 0.2890</a>
Android (android.graphics.Color)	<a href="#">4285779693 (0xFF73CEED)</a>
YUV	<a href="#">182.3250, 26.9548, -59.0440</a>
Hunter-Lab	<a href="#">73.4179, -20.4651, -19.8215</a>

# Details

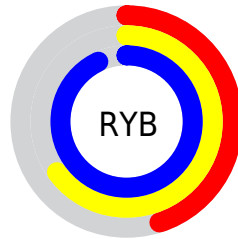
The Decimal color **7589613** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15569523**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **11468799**, and **3446965** is the 20% darker color. If you saturate the color by 10%, you get **6015213**, and if you desaturate by 10%, it is **9164013**.

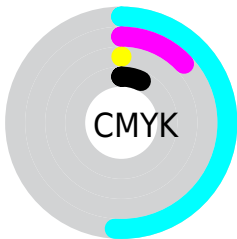
# Distribution



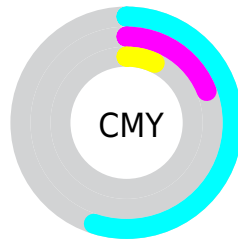
- Red (45%)
- Green (81%)
- Blue (93%)



- Red (45%)
- Yellow (65%)
- Blue (93%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (19%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7589613 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 7589613 by changing the saturation by 10% instead.



 7589613

 7589613

16777215

 5616337

 11468799

 3446965

 13369343

 32410

 15335423

 25984

 19559

 13647

 8504

 547

 9

■ 7589613

■ 7589613

■ 6015213

■ 9164013

■ 4506349

■ 10672877

■ 2931949

■ 12247277

■ 1357549

■ 13821677

■ 45549

■ 15330541

■ 16773869

■ 16775405

■ 16776941

■ 16777197

# Harmonies

## Analogous

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



7197141



7589613



9684985

# Triad

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



7589613



16035531



12699277

# Complementary

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



7589613



15569523

# 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.



14597515



7589613



16494255

# Square

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



7589613



14595301



15905943



10603934

# Rectangle

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



7589613



11452921



15905943



13354123

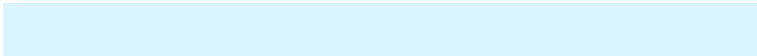


# Sweetspot

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



7589613



14284287



7597457



6912640



0



8421504

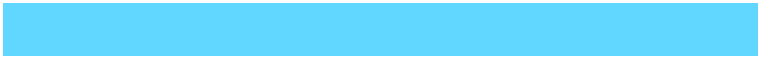


# Same Dimension

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



7589613



6412287



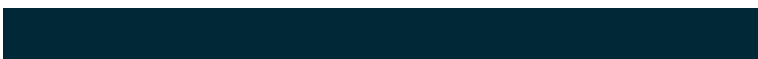
7573997



6976117



34741



10294



# Inverse Universe

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



15561678



16736727



15584883



7694962



11862151

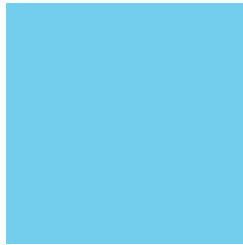


3538984



# Previews

## White Background



This preview shows how the Decimal color 7589613 looks on a white background.

## Color Contrast Check

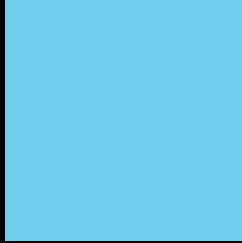
Large Text (above 18pt) WCAG AA × Fail

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 7589613 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 7589613 Background



This preview shows how black text looks on a background with the Decimal color 7589613.



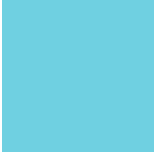
This preview shows how white text looks on a background with the Decimal color 7589613.

# 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](#).

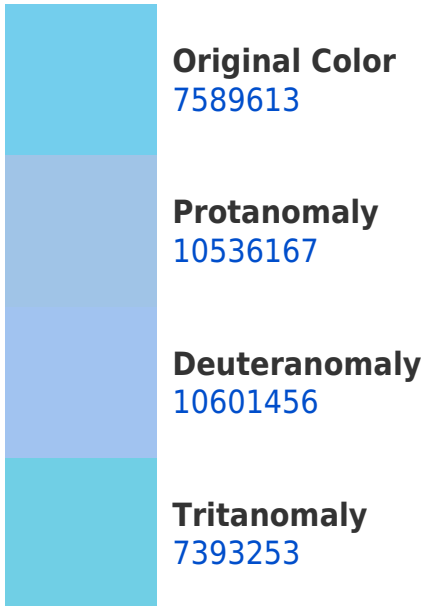
## Dichromacy





**Tritanopia**  
7327969

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7589613 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 #73CEED looks like.

```
.text, #text, p{  
    color:#73CEED  
}
```

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 #73CEED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73CEED
}
```

## Border

The CSS property to change the border of an element to Decimal 7589613 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
#73CEED }
```

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

```
.border{ border-color:#73CEED }
```

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

Here you see how a box with a 4 pixel #73CEED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73CEED; -webkit-box-shadow:4px 4px  
4px 4px #73CEED; box-shadow:4px 4px 4px  
4px #73CEED }
```

# Background

The CSS property to change the background color of an element to Decimal 7589613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73CEED }
```

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

```
.background{ background-color:#73CEED }
```

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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