

# Converting Colors

Decimal(7459821)

Have a look what the booklet for  
Decimal(7459821) contains.

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# **Color**

**Decimal(7459821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D3ED
RGB	113, 211, 237
RGB Percent	44%, 83%, 93%
CMY	0.5569, 0.1725, 0.0706
CMYK	0.52, 0.11, 0.00, 0.07
HSL	193°, 78%, 69%
HSV	193°, 52%, 93%
XYZ	45.3904, 56.2137, 88.5788
YIQ	184.6620, -66.7540, -12.6900

# Conversions

## Conversions Part 2

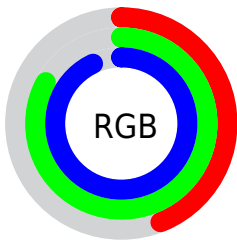
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 168, 237
Decimal	7459821
CIELab	79.74, -21.83, -21.64
CIELCh	80, 30.741, 224.753
Yxy	56.2137, 0.2387, 0.2956
Android (android.graphics.Color)	4285649901 (0xFF71D3ED)
YUV	184.6620, 25.8026, -62.8476
Hunter-Lab	74.9758, -23.1436, -17.5640

# Details

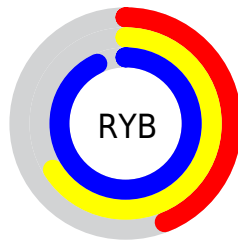
The Decimal color **7459821** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15567729**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **11337727**, and **3185845** is the 20% darker color. If you saturate the color by 10%, you get **5885677**, and if you desaturate by 10%, it is **9033965**.

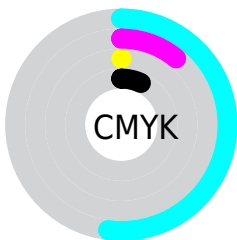
# Distribution



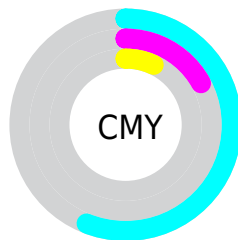
- Red (44%)
- Green (83%)
- Blue (93%)



- Red (44%)
- Yellow (66%)
- Blue (93%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (17%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7459821 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 7459821 by changing the saturation by 10% instead.



 7459821

 7459821

16777215

 5421009

 11337727

 3185845

 13303807

 33434

 15269887

 27008

 20583

 14671

 9272

 547

 10

■ 7459821

■ 7459821

■ 5885677

■ 9033965

■ 4377069

■ 10542573

■ 2802925

■ 12116717

■ 1228781

■ 13690861

■ 48109

■ 15199469

■ 16773613

■ 16774893

■ 16776173

■ 16777197

# Harmonies

## Analogous

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



7526099



7459821



9293308

# Triad

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



7459821



16102101



13420686

# Complementary

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



7459821



15567729

# 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.



15187855



7459821



16757176

# Square

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



7459821



14399983



16430751



11260060

# Rectangle

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



7459821



11061246



16430751



14075276

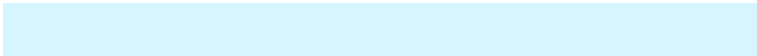


# Sweetspot

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



7459821



14087935



7466378



6781568



0



8421504



# Same Dimension

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



7459821



6217215



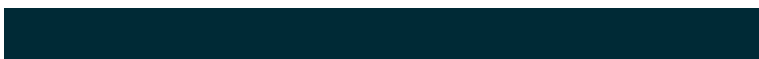
7444205



6976373



36789



10806



# Inverse Universe

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



15561171



16735965



15583345



7694963



11862159

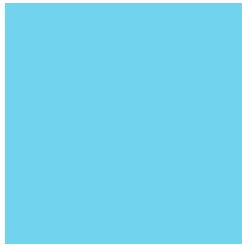


3538986



# Previews

## White Background



This preview shows how the Decimal color 7459821 looks on a white background.

## Color Contrast Check

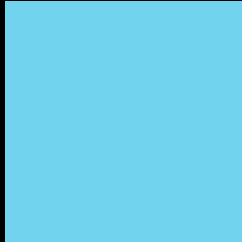
Large Text (above 18pt) WCAG AA × Fail

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 7459821 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 7459821 Background



This preview shows how black text looks on a background with the Decimal color 7459821.

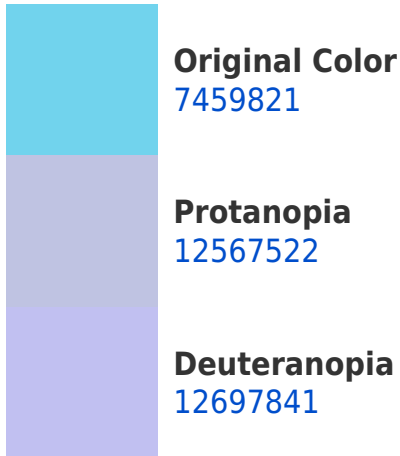


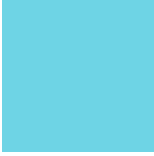
This preview shows how white text looks on a background with the Decimal color 7459821.

# 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**  
7263461

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7459821 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 #71D3ED looks like.

```
.text, #text, p{  
    color:#71D3ED  
}
```

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 #71D3ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D3ED
}
```

## Border

The CSS property to change the border of an element to Decimal 7459821 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
#71D3ED }
```

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

```
.border{ border-color:#71D3ED }
```

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

Here you see how a box with a 4 pixel #71D3ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D3ED; -webkit-box-shadow:4px 4px  
4px 4px #71D3ED; box-shadow:4px 4px 4px  
4px #71D3ED }
```

# Background

The CSS property to change the background color of an element to Decimal 7459821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D3ED }
```

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

```
.background{ background-color:#71D3ED }
```

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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