

# Converting Colors

Decimal(7401199)

Have a look what the booklet for  
Decimal(7401199) contains.

<b>Decimal(7401199)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7401199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70EEEF
RGB	112, 238, 239
RGB Percent	44%, 93%, 94%
CMY	0.5608, 0.0667, 0.0627
CMYK	0.53, 0.00, 0.00, 0.06
HSL	180°, 80%, 69%
HSV	180°, 53%, 94%
XYZ	52.8366, 70.8258, 92.5473
YIQ	200.4400, -75.4170, -26.4010

# Conversions

## Conversions Part 2

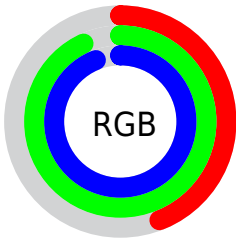
Format	Color
<b>RYB</b>	112, 175, 239
Decimal	7401199
CIELab	87.40, -34.57, -11.18
CIELCh	87, 36.332, 197.914
Yxy	70.8258, 0.2444, 0.3276
Android (android.graphics.Color)	4285591279 (0xFF70EEEF)
YUV	200.4400, 19.0101, -77.5619
Hunter-Lab	84.1581, -35.2097, -6.2896

# Details

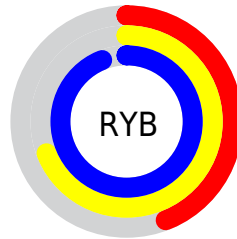
The Decimal color **7401199** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **15692144**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **11403263**, and **2668215** is the 20% darker color. If you saturate the color by 10%, you get **5828335**, and if you desaturate by 10%, it is **8974063**.

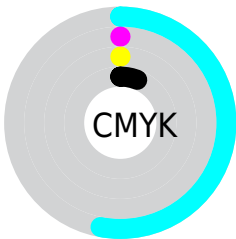
# Distribution



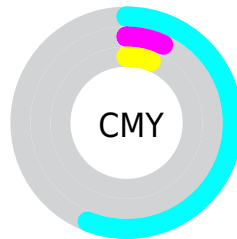
- Red (44%)
- Green (93%)
- Blue (94%)



- Red (44%)
- Yellow (69%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7401199 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 7401199 by changing the saturation by 10% instead.



 7401199

 7401199

16777215

 5231059

 11403263

 2668215

 13369343

 39580

 15400959

 32898

 26217

 20049

 13882

 8740

 271

■ 7401199

■ 7401199

■ 5828335

■ 8974063

■ 4255471

■ 10546927

■ 2682351

■ 12120047

■ 1109487

■ 13692911

■ 60911

■ 15200239

■ 16773103

■ 16773359

# Harmonies

## Analogous

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



9432523



7401199



7531263

# Triad

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



7401199



16370687



16766104

# Complementary

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



7401199



15692144

# 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.



16763305



7401199



16761834

# Square

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



7401199



13424639



16761543



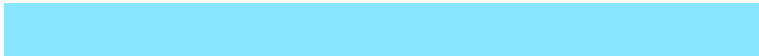
14606233

# Rectangle

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



7401199



9103103



16761543



16765084



# Sweetspot

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



7401199



14090239



7401328



6782848



0



8421504



# Same Dimension

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



7401199



6094591



7385071



7108728



46776



14392



# Inverse Universe

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



15692014



16735486



15708016



7892088



12058806

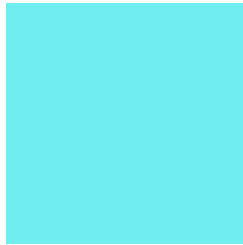


3670072



# Previews

## White Background



This preview shows how the Decimal color 7401199 looks on a white background.

## Color Contrast Check

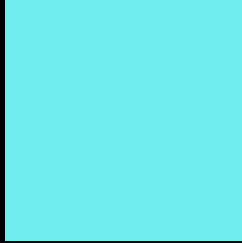
Large Text (above 18pt) WCAG AA × Fail

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 7401199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

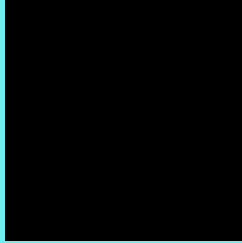
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7401199 Background



This preview shows how black text looks on a background with the Decimal color 7401199.



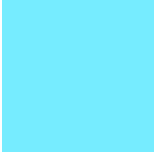
This preview shows how white text looks on a background with the Decimal color 7401199.

# 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**  
7793919

# Trichromacy



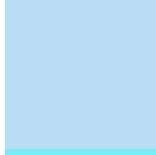
**Original Color**

7401199



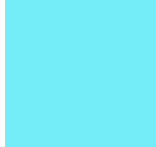
**Protanomaly**

11854055



**Deuteranomaly**

12180979



**Tritanomaly**

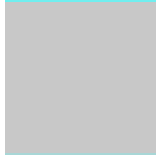
7663097

# Monochromacy



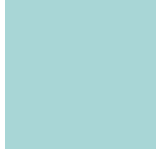
**Original Color**

7401199



**Achromatopsia**

13158600



**Achromatomaly**

11065046

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7401199 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 #70EEEEF looks like.

```
.text, #text, p{  
    color:#70EEEEF  
}
```

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 #70EEEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EEEE
}
```

## Border

The CSS property to change the border of an element to Decimal 7401199 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
#70EEEE }
```

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

```
.border{ border-color:#70EEEE }
```

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

Here you see how a box with a 4 pixel #70EEEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EEEE; -webkit-box-shadow:4px 4px  
4px 4px #70EEEE; box-shadow:4px 4px 4px  
4px #70EEEE }
```

# Background

The CSS property to change the background color of an element to Decimal 7401199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EEEE }
```

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

```
.background{ background-color:#70EEEE }
```

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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