

# Converting Colors

Decimal(7454674)

Have a look what the booklet for  
Decimal(7454674) contains.

<b>Decimal(7454674)</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(7454674)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71BFD2
RGB	113, 191, 210
RGB Percent	44%, 75%, 82%
CMY	0.5569, 0.2510, 0.1765
CMYK	0.46, 0.09, 0.00, 0.18
HSL	192°, 52%, 63%
HSV	192°, 46%, 82%
XYZ	37.0737, 45.4255, 67.7868
YIQ	169.8440, -52.5870, -10.6270

# Conversions

## Conversions Part 2

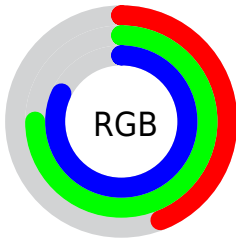
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 156, 210
Decimal	7454674
CIELab	73.17, -19.03, -17.03
CIElCh	73, 25.541, 221.823
Yxy	45.4255, 0.2467, 0.3023
Android (android.graphics.Color)	4285644754 (0xFF71BFD2)
YUV	169.8440, 19.7969, -49.8522
Hunter-Lab	67.3984, -19.7601, -12.4527

# Details

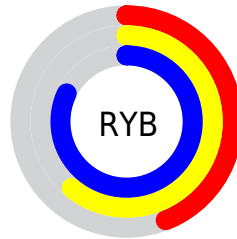
The Decimal color **7454674** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13796465**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **11204607**, and **3639708** is the 20% darker color. If you saturate the color by 10%, you get **6077394**, and if you desaturate by 10%, it is **8831954**.

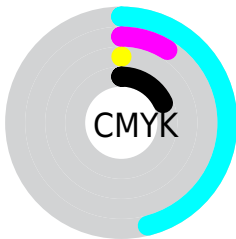
# Distribution



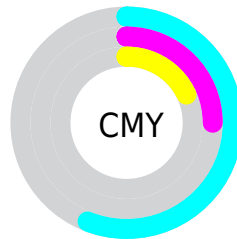
- Red (44%)
- Green (75%)
- Blue (82%)



- Red (44%)
- Yellow (61%)
- Blue (82%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



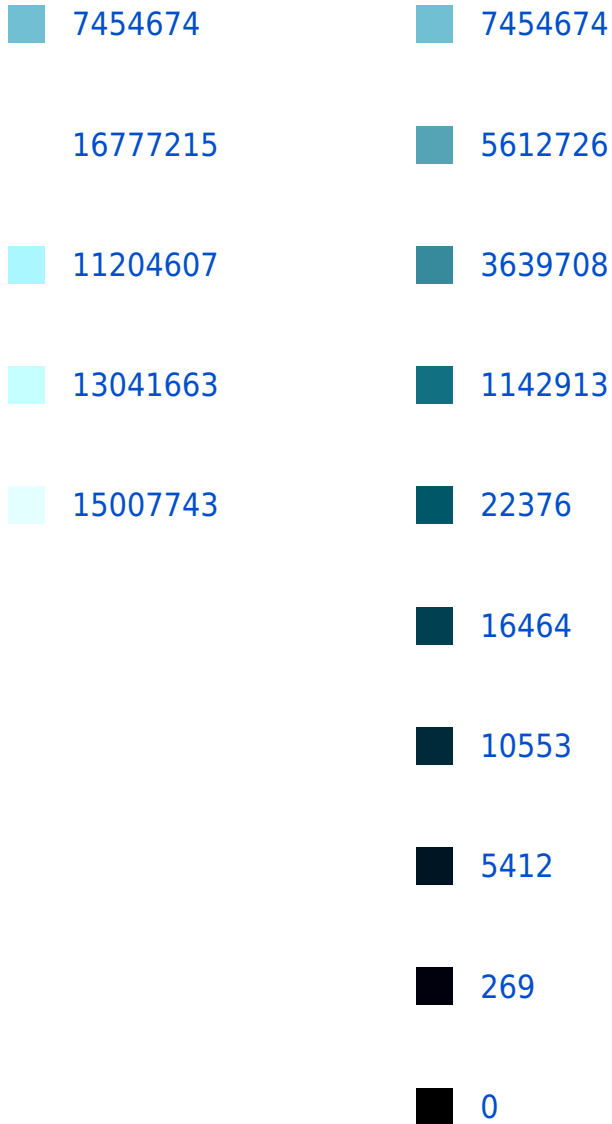
- Cyan (56%)
- Magenta (25%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7454674 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 7454674 by changing the saturation by 10% instead.





■ 7454674

■ 7454674

■ 6077394

■ 8831954

■ 4700114

■ 10209234

■ 3322834

■ 11586514

■ 1945554

■ 12963794

■ 568018

■ 14341330

■ 43474

■ 15718610

■ 16768210

■ 16769234

■ 16770258

# Harmonies

## Analogous

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



7586236



7454674



8764127

# Triad

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



7454674



14263491



12301702

# Complementary

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



7454674



13796465

# 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.



13806984



7454674



14918571

# Square

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



7454674



12823511



14722709



10599568

# Rectangle

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



7454674



10073570



14722709



12891013

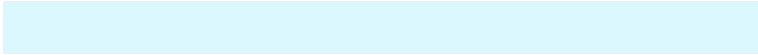


# Sweetspot

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



7454674



14416127



7459459



6978432



0



8421504

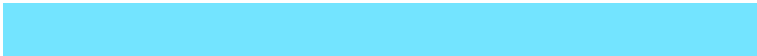


# Same Dimension

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



7454674



7595263



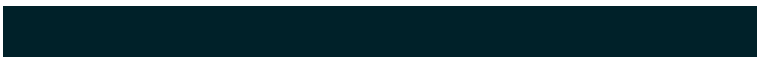
7442642



6186857



34728



8489



# Inverse Universe

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



13791679



16741348



13808497



6905447



11010183

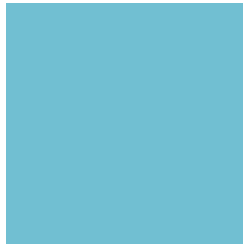


2687009



# Previews

## White Background



This preview shows how the Decimal color 7454674 looks on a white background.

## Color Contrast Check

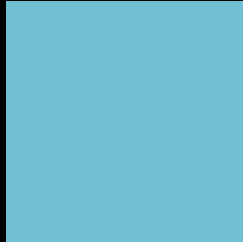
Large Text (above 18pt) WCAG AA × Fail

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 7454674 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

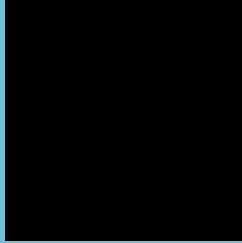
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7454674 Background



This preview shows how black text looks on a background with the Decimal color 7454674.

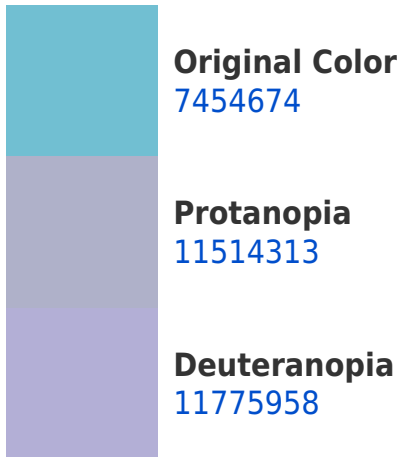


This preview shows how white text looks on a background with the Decimal color 7454674.

# Color Blindness Simulation

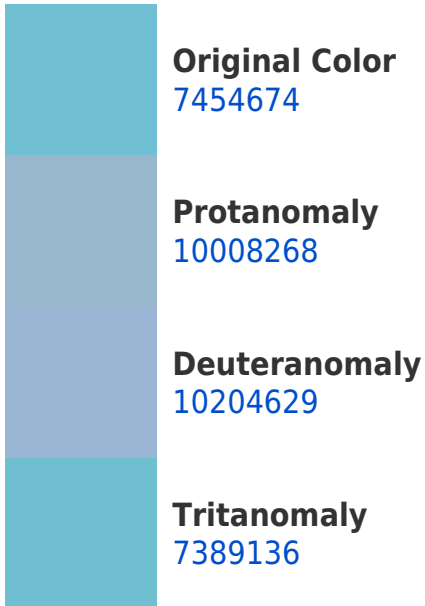
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7454674 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 #71BFD2 looks like.

```
.text, #text, p{  
    color:#71BFD2  
}
```

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 #71BFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BFD2
}
```

## Border

The CSS property to change the border of an element to Decimal 7454674 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
#71BFD2 }
```

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

```
.border{ border-color:#71BFD2 }
```

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

Here you see how a box with a 4 pixel #71BFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BFD2; -webkit-box-shadow:4px 4px  
4px 4px #71BFD2; box-shadow:4px 4px 4px  
4px #71BFD2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7454674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BFD2 }
```

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

```
.background{ background-color:#71BFD2 }
```

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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