

# Converting Colors

Decimal(7463412)

Have a look what the booklet for  
Decimal(7463412) contains.

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# **Color**

**Decimal(7463412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71E1F4
RGB	113, 225, 244
RGB Percent	44%, 88%, 96%
CMY	0.5569, 0.1176, 0.0431
CMYK	0.54, 0.08, 0.00, 0.04
HSL	189°, 86%, 70%
HSV	189°, 54%, 96%
XYZ	50.0644, 63.8928, 95.2818
YIQ	193.6780, -72.8510, -17.8350

# Conversions

## Conversions Part 2

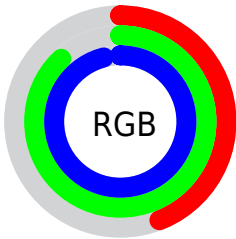
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 173, 244
Decimal	7463412
CIE Lab	83.91, -26.85, -19.04
CIE LCh	84, 32.913, 215.347
Yxy	63.8928, 0.2393, 0.3054
Android (android.graphics.Color)	4285653492 (0xFF71E1F4)
YUV	193.6780, 24.8087, -70.7546
Hunter-Lab	79.9330, -28.0828, -14.7219

# Details

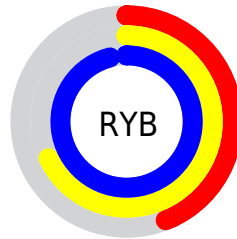
The Decimal color **7463412** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **16024689**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **11403263**, and **2927036** is the 20% darker color. If you saturate the color by 10%, you get **5889524**, and if you desaturate by 10%, it is **9037300**.

# Distribution



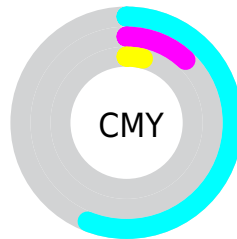
- Red (44%)
- Green (88%)
- Blue (96%)



- Red (44%)
- Yellow (68%)
- Blue (96%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



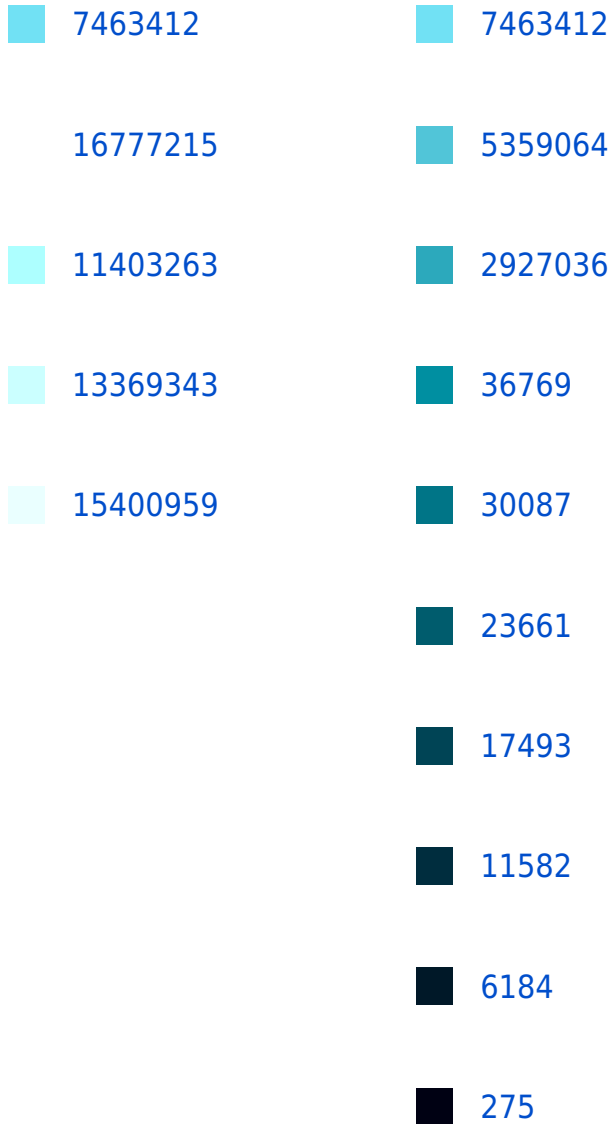
- Cyan (56%)
- Magenta (12%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7463412 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 7463412 by changing the saturation by 10% instead.





■ 7463412

■ 7463412

■ 5889524

■ 9037300

■ 4250356

■ 10676468

■ 2676468

■ 12250356

■ 1037300

■ 13889524

■ 53748

■ 15463412

■ 16774900

■ 16775924

■ 16776692

■ 16777204

# Harmonies

## Analogous

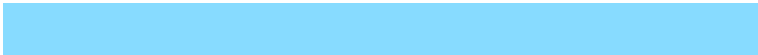
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8250326



7463412



8903679

# Triad

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



7463412



16695020



14864787

# Complementary

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



7463412



16024689

# 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.



16631706



7463412



16759501

# Square

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



7463412



14534655



16760495



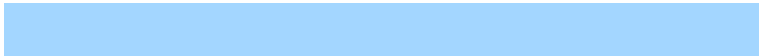
12638878

# Rectangle

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



7463412



10737407



16760495



15519380

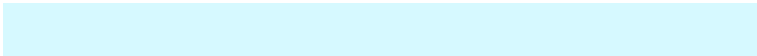


# Sweetspot

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



7463412



14088703



7468162



6782080



0



8421504

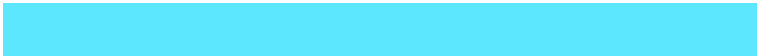


# Same Dimension

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



7463412



6088703



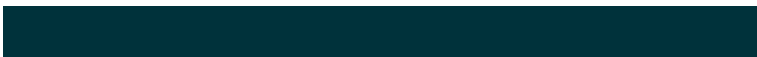
7447028



7240058



40890



12859



# Inverse Universe

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



16019937



16735463



16041073



8023673



12189855

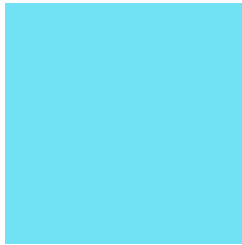


3866674



# Previews

## White Background



This preview shows how the Decimal color 7463412 looks on a white background.

## Color Contrast Check

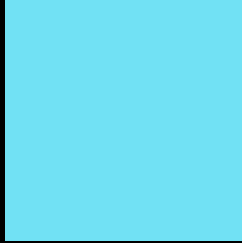
Large Text (above 18pt) WCAG AA × Fail

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 7463412 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 7463412 Background



This preview shows how black text looks on a background with the Decimal color 7463412.

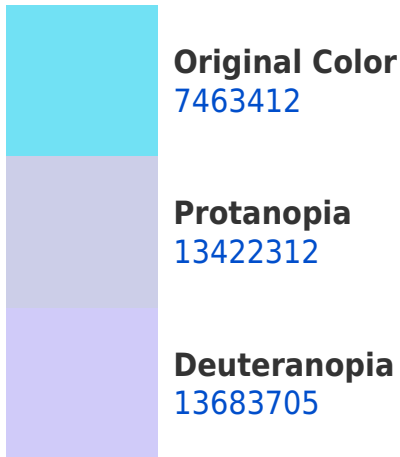


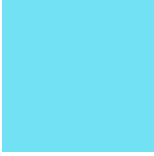
This preview shows how white text looks on a background with the Decimal color 7463412.

# 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](#).

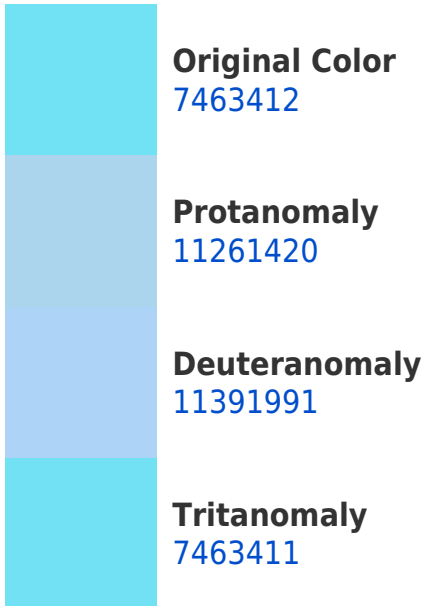
## Dichromacy





**Tritanopia**  
7463411

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7463412 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 #71E1F4 looks like.

```
.text, #text, p{  
    color:#71E1F4  
}
```

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 #71E1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E1F4
}
```

## Border

The CSS property to change the border of an element to Decimal 7463412 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
#71E1F4 }
```

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

```
.border{ border-color:#71E1F4 }
```

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

Here you see how a box with a 4 pixel #71E1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E1F4; -webkit-box-shadow:4px 4px  
4px 4px #71E1F4; box-shadow:4px 4px 4px  
4px #71E1F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7463412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E1F4 }
```

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

```
.background{ background-color:#71E1F4 }
```

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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