

# Converting Colors

Decimal(7461828)

Have a look what the booklet for  
Decimal(7461828) contains.

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**Color**

**Decimal(7461828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71DBC4
RGB	113, 219, 196
RGB Percent	44%, 86%, 77%
CMY	0.5569, 0.1412, 0.2314
CMYK	0.48, 0.00, 0.11, 0.14
HSL	167°, 60%, 65%
HSV	167°, 48%, 86%
XYZ	42.1054, 58.1593, 61.2312
YIQ	184.6840, -55.7930, -29.6250

# Conversions

## Conversions Part 2

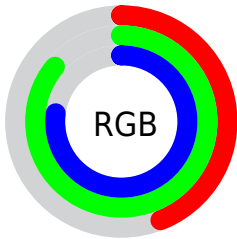
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 172, 219
Decimal	7461828
CIELab	80.83, -36.20, 1.86
CIElCh	81, 36.250, 177.057
Yxy	58.1593, 0.2607, 0.3601
Android (android.graphics.Color)	4285651908 (0xFF71DBC4)
YUV	184.6840, 5.5788, -62.8669
Hunter-Lab	76.2622, -34.9067, 5.7794

# Details

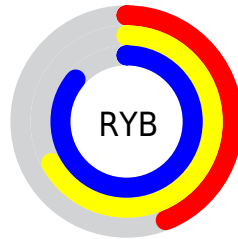
The Decimal color **7461828** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14381448**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **11272189**, and **3449742** is the 20% darker color. If you saturate the color by 10%, you get **6020031**, and if you desaturate by 10%, it is **8903625**.

# Distribution



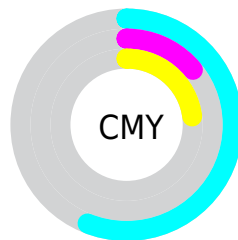
- Red (44%)
- Green (86%)
- Blue (77%)



- Red (44%)
- Yellow (67%)
- Blue (86%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (56%)
- Magenta (14%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7461828 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 7461828 by changing the saturation by 10% instead.



7461828

7461828

16777215

5554089

11272189

3449742

13172735

231797

15073279

28508

22085

15919

10266

1536

0

7461828

7461828

6020031

8903625

4578234

10345422

3136438

11787218

1694641

13229015

252844

14605276

56235

16047073

16767973

16767978

16767983

# Harmonies

## Analogous

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



10082211



7461828



5692390

# Triad

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



7461828



13222399



16693905

# Complementary

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



7461828



14381448

# 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.



16757163



7461828



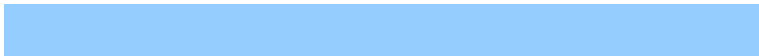
15841006

# Square

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



7461828



9883135



16756685



14927237

# Rectangle

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



7461828



6084857



16756685



16758424

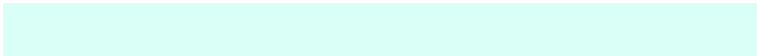


# Sweetspot

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



7461828



14286839



9100145



6914171



0



8421504



# Same Dimension

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



7461828



7077855



7454683



6516331



44424



11812



# Inverse Universe

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



14381448



16739211



14388593



7234405



11337766

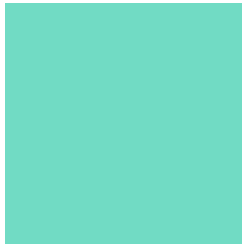


3014666



# Previews

## White Background



This preview shows how the Decimal color 7461828 looks on a white background.

## Color Contrast Check

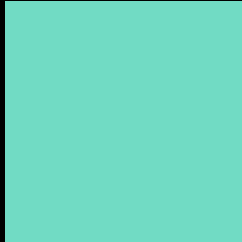
Large Text (above 18pt) WCAG AA × Fail

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 7461828 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

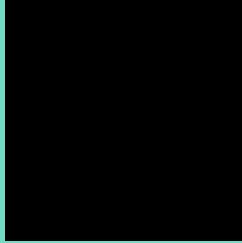
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

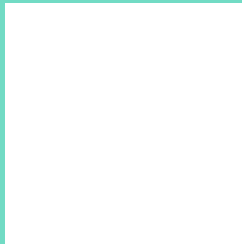
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7461828 Background



This preview shows how black text looks on a background with the Decimal color 7461828.



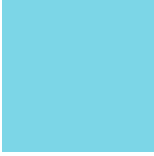
This preview shows how white text looks on a background with the Decimal color 7461828.

# 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**  
8181479

# Trichromacy



**Original Color**

7461828



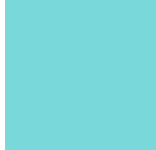
**Protanomaly**

11325117



**Deuteranomaly**

11848392



**Tritanomaly**

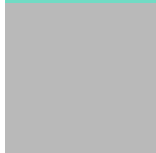
7919834

# Monochromacy



**Original Color**

7461828



**Achromatopsia**

12171705



**Achromatomaly**

10470845

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7461828 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 #71DBC4 looks like.

```
.text, #text, p{  
    color:#71DBC4  
}
```

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 #71DBC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DBC4
}
```

## Border

The CSS property to change the border of an element to Decimal 7461828 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
#71DBC4 }
```

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

```
.border{ border-color:#71DBC4 }
```

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

Here you see how a box with a 4 pixel #71DBC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DBC4; -webkit-box-shadow:4px 4px  
4px 4px #71DBC4; box-shadow:4px 4px 4px  
4px #71DBC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7461828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DBC4 }
```

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

```
.background{ background-color:#71DBC4 }
```

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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