

# Converting Colors

Decimal(7714765)

Have a look what the booklet for  
Decimal(7714765) contains.

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# **Color**

**Decimal(7714765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B7CD
RGB	117, 183, 205
RGB Percent	46%, 72%, 80%
CMY	0.5412, 0.2824, 0.1961
CMYK	0.43, 0.11, 0.00, 0.20
HSL	195°, 47%, 63%
HSV	195°, 43%, 80%
XYZ	35.2890, 42.0567, 64.0154
YIQ	165.7740, -46.3980, -7.1500

# Conversions

## Conversions Part 2

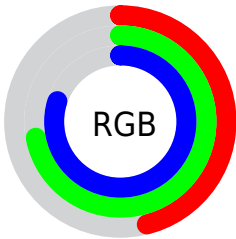
Format	Color
R <sub>Y</sub> B	117, 155, 205
Decimal	7714765
CIE Lab	70.91, -15.25, -17.70
CIE LCh	71, 23.363, 229.265
Yxy	42.0567, 0.2496, 0.2975
Android (android.graphics.Color)	4285904845 (0xFF75B7CD)
YUV	165.7740, 19.3384, -42.7748
Hunter-Lab	64.8511, -16.3578, -13.1302

# Details

The Decimal color **7714765** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13470581**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11399167**, and **4031127** is the 20% darker color. If you saturate the color by 10%, you get **6402765**, and if you desaturate by 10%, it is **9092301**.

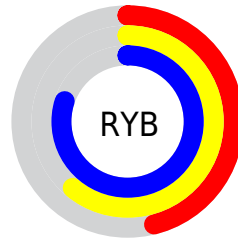
# Distribution



Red (46%)

Green (72%)

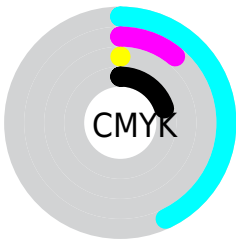
Blue (80%)



Red (46%)

Yellow (61%)

Blue (80%)

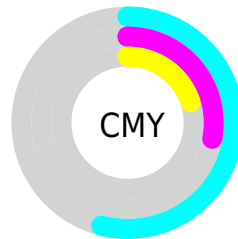


Cyan (43%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (28%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7714765 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 7714765 by changing the saturation by 10% instead.



7714765

7714765

16777215

5872818

11399167

4031127

13238271

1993085

15138815

20836

14668

9269

2080

5

0

7714765

7714765

6402765

9092301

5025229

10404301

3647693

11781837

2335693

13094093

957901

14471629

39629

15783629

16767949

16769229

16770509

# Harmonies

## Analogous

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



7518907



7714765



9089751

# Triad

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



7714765



13868982



11513989

# Complementary

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



7714765



13470581

# 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.



12954244



7714765



14262176

# Square

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



7714765



12690633



13935502



9942673

# Rectangle

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



7714765



10333655



13935502



12037764



# Sweetspot

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



7714765



14612479



7720331



7043712



0



8421504

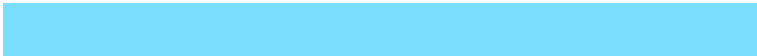


# Same Dimension

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



7714765



8052479



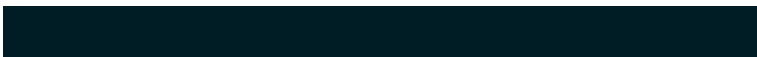
7703501



6054758



31910



7462



# Inverse Universe

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



13465015



16743134



13481845



6708323



10879100

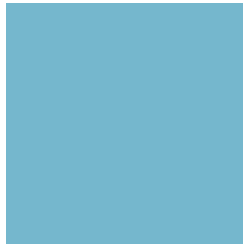


2490397



# Previews

## White Background



This preview shows how the Decimal color 7714765 looks on a white background.

## Color Contrast Check

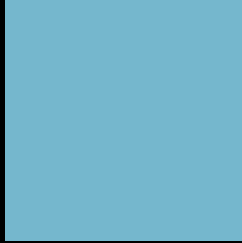
Large Text (above 18pt) WCAG AA × Fail

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 7714765 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

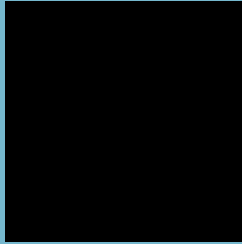
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7714765 Background



This preview shows how black text looks on a background with the Decimal color 7714765.



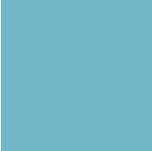
This preview shows how white text looks on a background with the Decimal color 7714765.

# 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**  
7583943

# Trichromacy



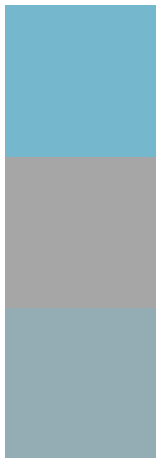
**Original Color**  
7714765

**Protanomaly**  
9809864

**Deuteranomaly**  
10006223

**Tritanomaly**  
7649481

# Monochromacy



**Original Color**  
7714765

**Achromatopsia**  
10921638

**Achromatomaly**  
9743540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7714765 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 #75B7CD looks like.

```
.text, #text, p{  
    color:#75B7CD  
}
```

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 #75B7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B7CD
}
```

## Border

The CSS property to change the border of an element to Decimal 7714765 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
#75B7CD }
```

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

```
.border{ border-color:#75B7CD }
```

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

Here you see how a box with a 4 pixel #75B7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B7CD; -webkit-box-shadow:4px 4px  
4px 4px #75B7CD; box-shadow:4px 4px 4px  
4px #75B7CD }
```

# Background

The CSS property to change the background color of an element to Decimal 7714765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B7CD }
```

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

```
.background{ background-color:#75B7CD }
```

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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