

# Converting Colors

Decimal(7716329)

Have a look what the booklet for  
Decimal(7716329) contains.

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# **Color**

**Decimal(7716329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75BDE9
RGB	117, 189, 233
RGB Percent	46%, 74%, 91%
CMY	0.5412, 0.2588, 0.0863
CMYK	0.50, 0.19, 0.00, 0.09
HSL	203°, 72%, 69%
HSV	203°, 50%, 91%
XYZ	40.2417, 46.0603, 83.8604
YIQ	172.4880, -57.0360, -1.5800

# Conversions

## Conversions Part 2

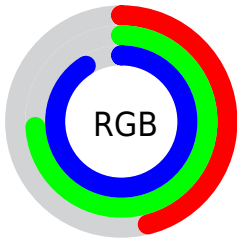
Format	Color
R <sub>YB</sub>	117, 161, 233
Decimal	7716329
CIE Lab	73.58, -10.69, -28.87
CIE LCh	74, 30.788, 249.677
Yxy	46.0603, 0.2365, 0.2707
Android (android.graphics.Color)	4285906409 (0xFF75BDE9)
YUV	172.4880, 29.8324, -48.6630
Hunter-Lab	67.8677, -12.9282, -25.7539

# Details

The Decimal color **7716329** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15311221**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **11531775**, and **3770545** is the 20% darker color. If you saturate the color by 10%, you get **6206697**, and if you desaturate by 10%, it is **9225961**.

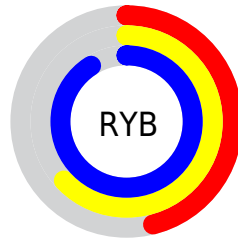
# Distribution



Red (46%)

Green (74%)

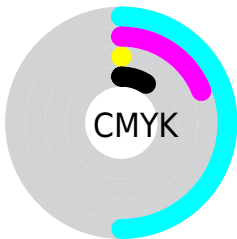
Blue (91%)



Red (46%)

Yellow (63%)

Blue (91%)

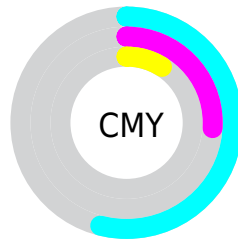


Cyan (50%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (54%)

Magenta (26%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7716329 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 7716329 by changing the saturation by 10% instead.



■ 7716329

■ 7716329

16777215

■ 5808845

■ 11531775

■ 3770545

■ 13434879

■ 945814

■ 15400959

■ 22140

■ 16227

■ 10571

■ 5428

■ 543

■ 1

■ 7716329

■ 7716329

■ 6206697

■ 9225961

■ 4631529

■ 10801129

■ 3121897

■ 12310761

■ 1612521

■ 13820137

■ 102889

■ 15395305

■ 37353

■ 16773865

■ 16776169

■ 16777193

# Harmonies

## Analogous

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



6079448



7716329



10401004

# Triad

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



7716329



15573165



10534537

# Complementary

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



7716329



15311221

# 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.



12629629



7716329



15377554

# Square

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



7716329



14721737



14265472



8373152

# Rectangle

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



7716329



12103398



14265472



11254659

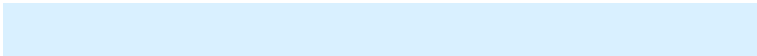


# Sweetspot

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



7716329



14283007



7727520



6911872



0



8421504



# Same Dimension

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



7716329



6735359



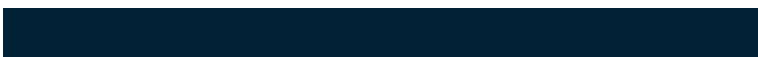
7701737



6975861



28853



8502



# Inverse Universe

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



15300029



16737989



15325813



7694961



11862128

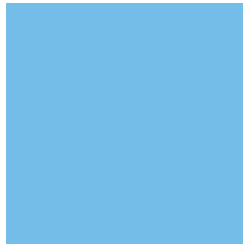


3538977



# Previews

## White Background



This preview shows how the Decimal color 7716329 looks on a white background.

## Color Contrast Check

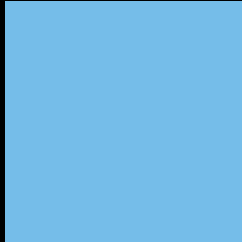
Large Text (above 18pt) WCAG AA × Fail

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 7716329 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 7716329 Background



This preview shows how black text looks on a background with the Decimal color 7716329.

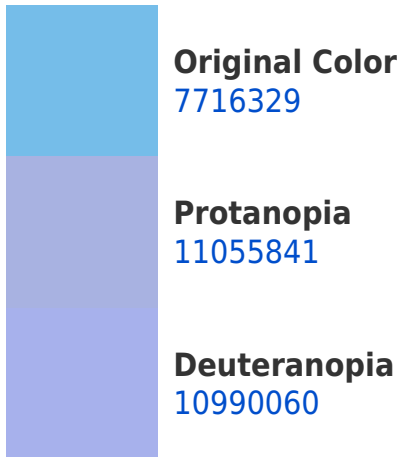


This preview shows how white text looks on a background with the Decimal color 7716329.

# 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



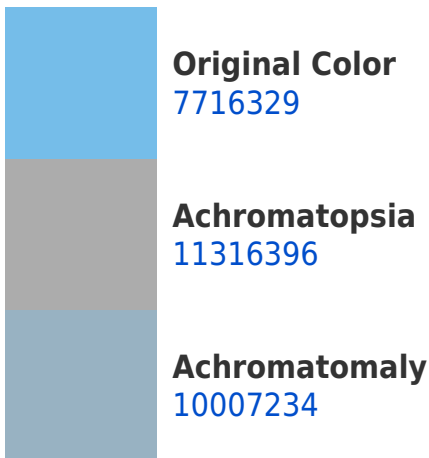


**Tritanopia**  
7193041

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7716329 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 #75BDE9 looks like.

```
.text, #text, p{  
    color:#75BDE9  
}
```

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 #75BDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BDE9
}
```

## Border

The CSS property to change the border of an element to Decimal 7716329 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
#75BDE9 }
```

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

```
.border{ border-color:#75BDE9 }
```

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

Here you see how a box with a 4 pixel #75BDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BDE9; -webkit-box-shadow:4px 4px  
4px 4px #75BDE9; box-shadow:4px 4px 4px  
4px #75BDE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7716329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BDE9 }
```

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

```
.background{ background-color:#75BDE9 }
```

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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