

# Converting Colors

Decimal(7716024)

Have a look what the booklet for  
Decimal(7716024) contains.

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**Color**

**Decimal(7716024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75BCB8
RGB	117, 188, 184
RGB Percent	46%, 74%, 72%
CMY	0.5412, 0.2627, 0.2784
CMYK	0.38, 0.00, 0.02, 0.26
HSL	177°, 35%, 60%
HSV	177°, 38%, 74%
XYZ	33.9711, 43.2090, 51.8971
YIQ	166.3150, -41.0320, -16.2960

# Conversions

## Conversions Part 2

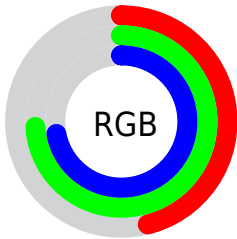
Format	Color
<a href="#">RYB</a>	<a href="#">117, 154, 188</a>
Decimal	<a href="#">7716024</a>
CIELab	<a href="#">71.70, -23.17, -5.03</a>
CIELCh	<a href="#">72, 23.706, 192.241</a>
Yxy	<a href="#">43.2090, 0.2632, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4285906104 (0xFF75BCB8)</a>
YUV	<a href="#">166.3150, 8.7187, -43.2493</a>
Hunter-Lab	<a href="#">65.7336, -22.7851, -0.7964</a>

# Details

The Decimal color **7716024** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12350841**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11334896**, and **4163203** is the 20% darker color. If you saturate the color by 10%, you get **6470839**, and if you desaturate by 10%, it is **8961209**.

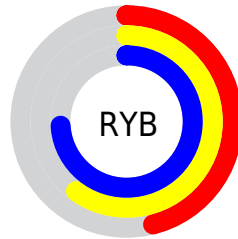
# Distribution



Red (46%)

Green (74%)

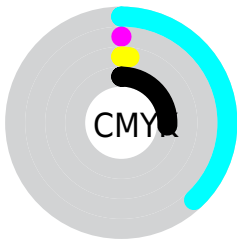
Blue (72%)



Red (46%)

Yellow (60%)

Blue (74%)

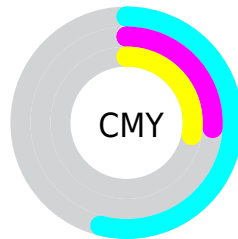


Cyan (38%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (54%)

Magenta (26%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7716024 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 7716024 by changing the saturation by 10% instead.





7716024



7716024

16777215



5939613



11334896



4163203



13172735



2256234



15073279



21586



15675



10021



3089



0



7716024



7716024

■ 6470839

■ 8961209

■ 5225654

■ 10206394

■ 4046005

■ 11386043

■ 2800820

■ 12631228

■ 1555635

■ 13876413

■ 310450

■ 15121598

■ 48305

■ 16366783

■ 16760000

■ 16760002

# Harmonies

## Analogous

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



8829858



7716024



7584460

# Triad

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



7716024



12494800



13347463

# Complementary

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



7716024



12350841

# 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.



14263188



7716024



13869757

# Square

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



7716024



10661850



14459047



12038533

# Rectangle

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



7716024



8304597



14459047



13740170

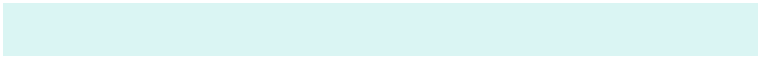


# Sweetspot

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



7716024



14349811



8043637



6978170



16448250



8026746



# Same Dimension

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



7716024



8910319



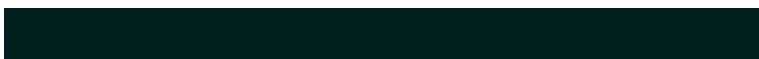
7708092



5594718



40597



7965



# Inverse Universe

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



12350841



16091021



12358773



6182229



10354697

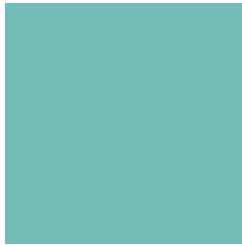


2031618



# Previews

## White Background



This preview shows how the Decimal color 7716024 looks on a white background.

## Color Contrast Check

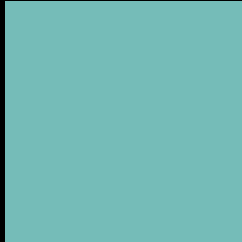
Large Text (above 18pt) WCAG AA × Fail

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 7716024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

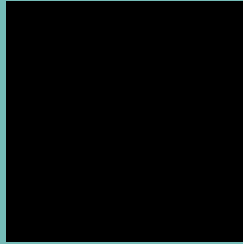
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7716024 Background



This preview shows how black text looks on a background with the Decimal color 7716024.



This preview shows how white text looks on a background with the Decimal color 7716024.

# 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



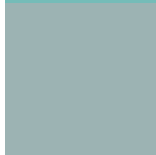


# Trichromacy



**Original Color**

7716024



**Protanomaly**

10269619



**Deuteranomaly**

10596795



**Tritanomaly**

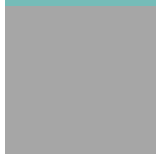
7912130

# Monochromacy



**Original Color**

7716024



**Achromatopsia**

10921638



**Achromatomaly**

9744045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7716024 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 #75BCB8 looks like.

```
.text, #text, p{  
    color:#75BCB8  
}
```

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 #75BCB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BCB8
}
```

## Border

The CSS property to change the border of an element to Decimal 7716024 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
#75BCB8 }
```

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

```
.border{ border-color:#75BCB8 }
```

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

Here you see how a box with a 4 pixel #75BCB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BCB8; -webkit-box-shadow:4px 4px  
4px 4px #75BCB8; box-shadow:4px 4px 4px  
4px #75BCB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7716024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BCB8 }
```

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

```
.background{ background-color:#75BCB8 }
```

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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