

# Converting Colors

Decimal(7716526)

Have a look what the booklet for  
Decimal(7716526) contains.

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# **Color**

**Decimal(7716526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75BEAE
RGB	117, 190, 174
RGB Percent	46%, 75%, 68%
CMY	0.5412, 0.2549, 0.3176
CMYK	0.38, 0.00, 0.08, 0.25
HSL	167°, 36%, 60%
HSV	167°, 38%, 75%
XYZ	33.3896, 43.6648, 46.7127
YIQ	166.3490, -38.3720, -20.4520

# Conversions

## Conversions Part 2

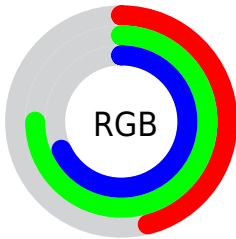
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 158, 190
Decimal	7716526
CIELab	72.00, -26.53, 0.89
CIELCh	72, 26.543, 178.081
Yxy	43.6648, 0.2698, 0.3528
Android (android.graphics.Color)	4285906606 (0xFF75BEAE)
YUV	166.3490, 3.7719, -43.2791
Hunter-Lab	66.0794, -25.4437, 4.3423

# Details

The Decimal color **7716526** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12481925**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11335653**, and **4163706** is the 20% darker color. If you saturate the color by 10%, you get **6471338**, and if you desaturate by 10%, it is **8961714**.

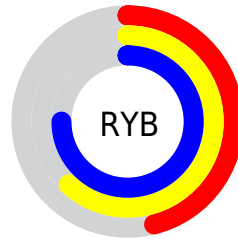
# Distribution



Red (46%)

Green (75%)

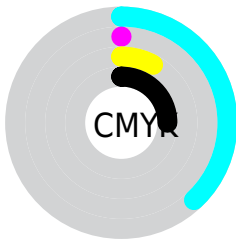
Blue (68%)



Red (46%)

Yellow (62%)

Blue (75%)

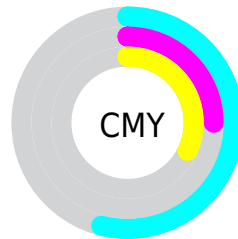


Cyan (38%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (54%)

Magenta (25%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7716526 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 7716526 by changing the saturation by 10% instead.



■ 7716526

■ 7716526

16777215

■ 5940115

■ 11335653

■ 4163706

■ 13172735

■ 2322273

■ 15073279

■ 22089

■ 15923

■ 10270

■ 3589

■ 0

■ 7716526

■ 7716526

■ 6471338

■ 8961714

■ 5226150

■ 10206902

■ 3980962

■ 11452090

■ 2735773

■ 12697279

■ 1490585

■ 13942467

■ 245397

■ 15187655

■ 48788

■ 16432843

■ 16760527

■ 16760531

# Harmonies

## Analogous

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



9354134



7716526



6864582

# Triad

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



7716526



11709403



14132872

# Complementary

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



7716526



12481925

# 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.



14786715



7716526



13542346

# Square

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



7716526



9483232



14655411



12889728

# Rectangle

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



7716526



7191508



14655411



14460045

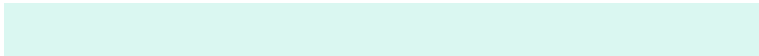


# Sweetspot

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



7716526



14350321



8830581



7044473



16579836



8224125



# Same Dimension

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



7716526



8845278



7711678



5594716



40571



7960



# Inverse Universe

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



12481925



16221855



12486773



6182231



10354723

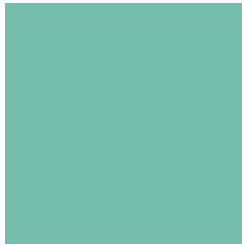


2031623



# Previews

## White Background



This preview shows how the Decimal color 7716526 looks on a white background.

## Color Contrast Check

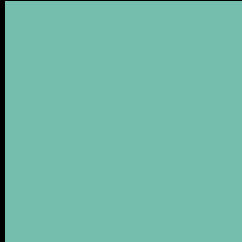
Large Text (above 18pt) WCAG AA × Fail

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 7716526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

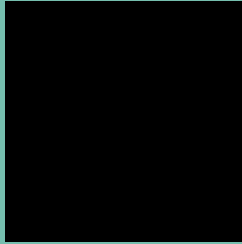
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7716526 Background



This preview shows how black text looks on a background with the Decimal color 7716526.



This preview shows how white text looks on a background with the Decimal color 7716526.

# 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





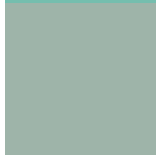
**Tritanopia**  
8174281

# Trichromacy



**Original Color**

7716526



**Protanomaly**

10400937



**Deuteranomaly**

10793393



**Tritanomaly**

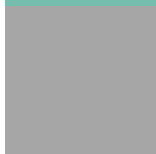
7977919

# Monochromacy



**Original Color**

7716526



**Achromatopsia**

10921638



**Achromatomaly**

9744297

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7716526 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 #75BEAE looks like.

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

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 #75BEAE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7716526 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
#75BEAE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7716526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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