

# Converting Colors

Decimal(7063495)

Have a look what the booklet for  
Decimal(7063495) contains.

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# **Color**

**Decimal(7063495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC7C7
RGB	107, 199, 199
RGB Percent	42%, 78%, 78%
CMY	0.5804, 0.2196, 0.2196
CMYK	0.46, 0.00, 0.00, 0.22
HSL	180°, 45%, 60%
HSV	180°, 46%, 78%
XYZ	36.7956, 48.0962, 61.3770
YIQ	171.4920, -54.8320, -19.5040

# Conversions

## Conversions Part 2

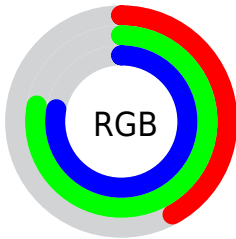
Format	Color
R <sub>YB</sub>	107, 153, 199
Decimal	7063495
CIE Lab	74.89, -27.34, -8.51
CIE LCh	75, 28.634, 197.298
Yxy	48.0962, 0.2516, 0.3288
Android (android.graphics.Color)	4285253575 (0xFF6BC7C7)
YUV	171.4920, 13.5614, -56.5595
Hunter-Lab	69.3514, -26.6586, -3.9265

# Details

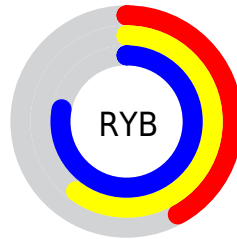
The Decimal color **7063495** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13069163**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10813439**, and **3117457** is the 20% darker color. If you saturate the color by 10%, you get **5752775**, and if you desaturate by 10%, it is **8374215**.

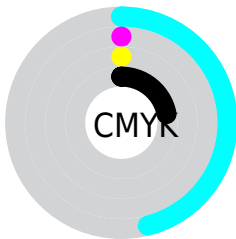
# Distribution



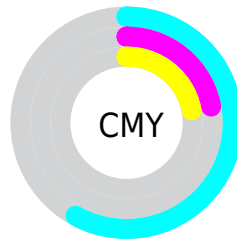
- Red (42%)
- Green (78%)
- Blue (78%)



- Red (42%)
- Yellow (60%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7063495 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 7063495 by changing the saturation by 10% instead.





7063495



7063495

16777215



5155756



10813439



3117457



12713983



30584



14614527



24159



16580607



17991



12081



6940



0



7063495



7063495

■ 5752775

■ 8374215

■ 4442055

■ 9684935

■ 3131335

■ 10995655

■ 1820615

■ 12306375

■ 575431

■ 13617095

■ 51143

■ 14862279

■ 16172999

■ 16762823

# Harmonies

## Analogous

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



8439468



7063495



7193822

# Triad

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



7063495



13610204



14070661

# Complementary

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



7063495



13069163

# 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.



15248019



7063495



15115973

# Square

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



7063495



11384554



15639978



12368774

# Rectangle

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



7063495



8241640



15639978



14528648



# Sweetspot

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



7063495



14417919



7063403



6979712



0



8421504



# Same Dimension

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



7063495



7602175



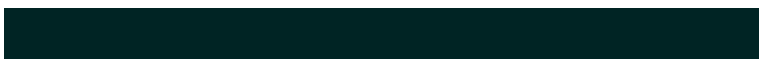
7051719



5923683



41891



9252



# Inverse Universe

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



13069255



16741375



13080939



6511203



10682531

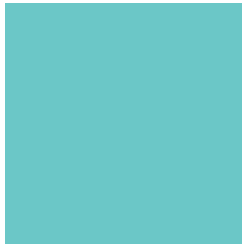


2359332



# Previews

## White Background



This preview shows how the Decimal color 7063495 looks on a white background.

## Color Contrast Check

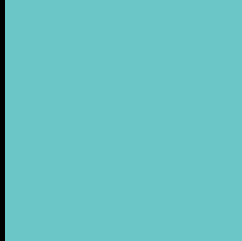
Large Text (above 18pt) WCAG AA × Fail

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 7063495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

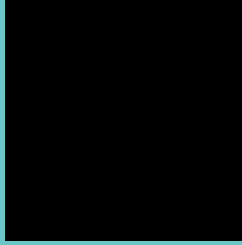
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

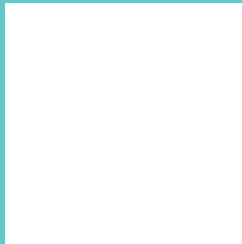
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7063495 Background



This preview shows how black text looks on a background with the Decimal color 7063495.



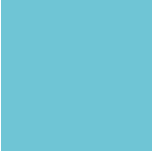
This preview shows how white text looks on a background with the Decimal color 7063495.

# 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**  
7325141

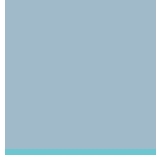
# Trichromacy



**Original Color**  
7063495



**Protanomaly**  
10337473



**Deuteranomaly**  
10599114



**Tritanomaly**  
7259856

# Monochromacy



**Original Color**  
7063495



**Achromatopsia**  
11250603



**Achromatomaly**  
9745845

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7063495 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 #6BC7C7 looks like.

```
.text, #text, p{  
    color:#6BC7C7  
}
```

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 #6BC7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC7C7
}
```

## Border

The CSS property to change the border of an element to Decimal 7063495 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
#6BC7C7 }
```

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

```
.border{ border-color:#6BC7C7 }
```

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

Here you see how a box with a 4 pixel #6BC7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC7C7; -webkit-box-shadow:4px 4px  
4px 4px #6BC7C7; box-shadow:4px 4px 4px  
4px #6BC7C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 7063495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC7C7 }
```

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

```
.background{ background-color:#6BC7C7 }
```

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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