

# Converting Colors

Decimal(6739129)

Have a look what the booklet for  
Decimal(6739129) contains.

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# **Color**

**Decimal(6739129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D4B9
RGB	102, 212, 185
RGB Percent	40%, 83%, 73%
CMY	0.6000, 0.1686, 0.2745
CMYK	0.52, 0.00, 0.13, 0.17
HSL	165°, 56%, 62%
HSV	165°, 52%, 83%
XYZ	37.7799, 53.4145, 54.2178
YIQ	176.0320, -56.8930, -31.7170

# Conversions

## Conversions Part 2

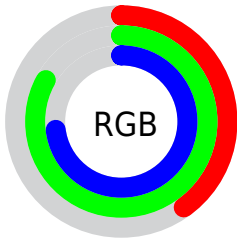
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 165, 212
Decimal	6739129
CIELab	78.12, -38.06, 3.75
CIElCh	78, 38.240, 174.369
Yxy	53.4145, 0.2598, 0.3673
Android (android.graphics.Color)	4284929209 (0xFF66D4B9)
YUV	176.0320, 4.4212, -64.9261
Hunter-Lab	73.0852, -35.6272, 7.1758

# Details

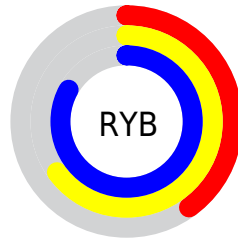
The Decimal color **6739129** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13919873**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10551281**, and **2465156** is the 20% darker color. If you saturate the color by 10%, you get **5362868**, and if you desaturate by 10%, it is **8115390**.

# Distribution



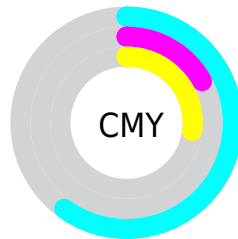
- Red (40%)
- Green (83%)
- Blue (73%)



- Red (40%)
- Yellow (65%)
- Blue (83%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6739129 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 6739129 by changing the saturation by 10% instead.





6739129



6739129

16777215



4765854



10551281



2465156



12451839



33387



14417919



26707



16383999



20540



14374



8977



0



6739129



6739129

■ 5362868

■ 8115390

■ 3986607

■ 9491651

■ 2544809

■ 10933449

■ 1168548

■ 12309710

■ 54432

■ 13685971

■ 15062232

■ 16438493

■ 16766179

■ 16766184

# Harmonies

## Analogous

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



9621655



6739129



4314333

# Triad

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



6739129



12368639



16429449

# Complementary

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



6739129



13919873

# 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.



16754854



6739129



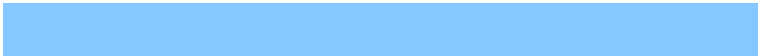
15249131

# Square

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



6739129



8767487



16754633



14663034

# Rectangle

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



6739129



4379378



16754633



16756113

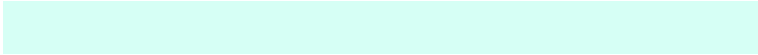


# Sweetspot

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



6739129



14090229



8574054



6783098



0



8421504



# Same Dimension

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



6739129



6422488



6732244



6318952



43905



11041



# Inverse Universe

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



13919873



16736648



13927014



7037027



11206698

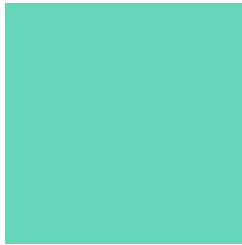


2818059



# Previews

## White Background



This preview shows how the Decimal color 6739129 looks on a white background.

## Color Contrast Check

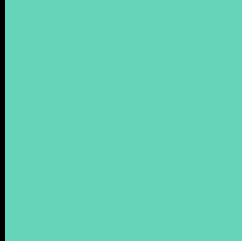
Large Text (above 18pt) WCAG AA × Fail

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 6739129 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

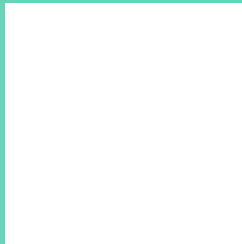
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6739129 Background



This preview shows how black text looks on a background with the Decimal color 6739129.



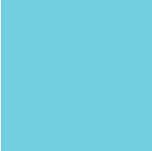
This preview shows how white text looks on a background with the Decimal color 6739129.

# 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**  
7524319

# Trichromacy



**Original Color**  
6739129



**Protanomaly**  
10799026



**Deuteranomaly**  
11256765

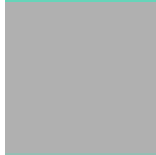


**Tritanomaly**  
7262673

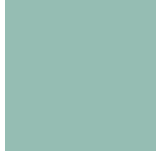
# Monochromacy



**Original Color**  
6739129



**Achromatopsia**  
11579568



**Achromatomaly**  
9813427

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6739129 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 #66D4B9 looks like.

```
.text, #text, p{  
    color:#66D4B9  
}
```

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 #66D4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D4B9
}
```

## Border

The CSS property to change the border of an element to Decimal 6739129 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
#66D4B9 }
```

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

```
.border{ border-color:#66D4B9 }
```

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

Here you see how a box with a 4 pixel #66D4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D4B9; -webkit-box-shadow:4px 4px  
4px 4px #66D4B9; box-shadow:4px 4px 4px  
4px #66D4B9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6739129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D4B9 }
```

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

```
.background{ background-color:#66D4B9 }
```

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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