

# Converting Colors

Decimal(7200699)

Have a look what the booklet for  
Decimal(7200699) contains.

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# **Color**

**Decimal(7200699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DDFB8
RGB	109, 223, 187
RGB Percent	43%, 87%, 73%
CMY	0.5725, 0.1255, 0.2667
CMYK	0.51, 0.00, 0.16, 0.13
HSL	161°, 64%, 65%
HSV	161°, 51%, 87%
XYZ	41.6640, 59.6144, 56.3245
YIQ	184.8100, -56.3880, -35.3640

# Conversions

## Conversions Part 2

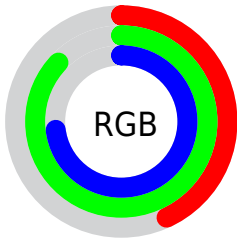
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 177, 223
Decimal	7200699
CIELab	81.63, -40.99, 7.77
CIELCh	82, 41.722, 169.260
Yxy	59.6144, 0.2644, 0.3783
Android (android.graphics.Color)	4285390779 (0xFF6DDFB8)
YUV	184.8100, 1.0797, -66.4854
Hunter-Lab	77.2104, -38.7966, 10.7956

# Details

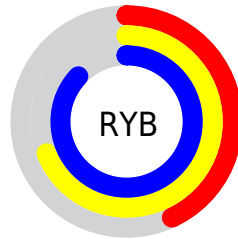
The Decimal color **7200699** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14642577**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **11010035**, and **3057542** is the 20% darker color. If you saturate the color by 10%, you get **5758900**, and if you desaturate by 10%, it is **8642498**.

# Distribution



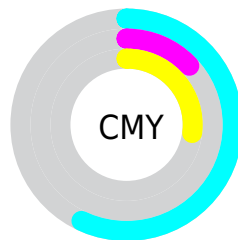
- Red (43%)
- Green (87%)
- Blue (73%)



- Red (43%)
- Yellow (69%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



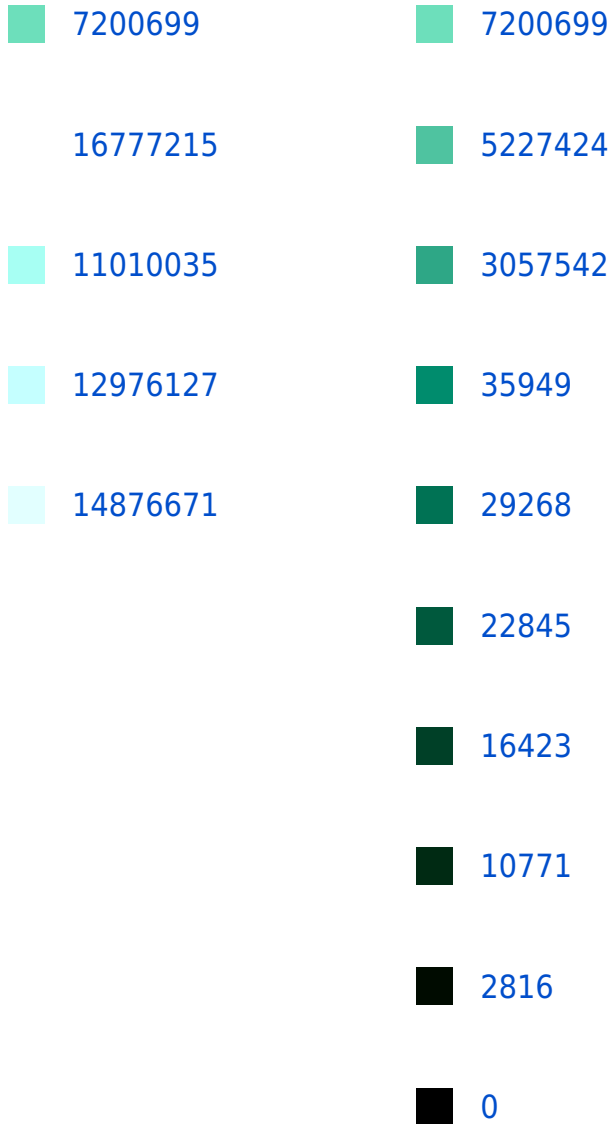
- Cyan (57%)
- Magenta (13%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7200699 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 7200699 by changing the saturation by 10% instead.





 7200699

 7200699

 5758900

 8642498

 4251565

 10149833

 2809766

 11591632

 1367967

 13033431

 57241

 14475230

 15982565

 16769004

 16769011

 16769018

# Harmonies

## Analogous

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



10476183



7200699



3793123

# Triad

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



7200699



12306175



16758417

# Complementary

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



7200699



14642577

# 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.



16756403



7200699



15644926

# Square

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



7200699



8115199



16756443



15844478

# Rectangle

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



7200699



3071739



16756443



16757659

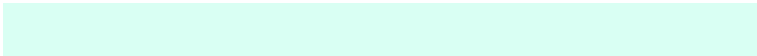


# Sweetspot

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



7200699



14286835



9559917



6914168



0



8421504



# Same Dimension

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



7200699



6553550



7195359



6647917



45176



12321



# Inverse Universe

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



14642577



16737173



14647917



7365993



11534392

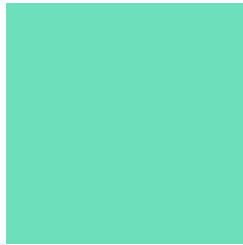


3145743



# Previews

## White Background



This preview shows how the Decimal color 7200699 looks on a white background.

## Color Contrast Check

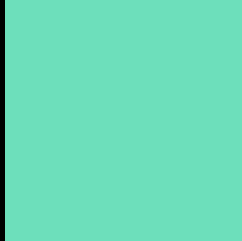
Large Text (above 18pt) WCAG AA × Fail

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 7200699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

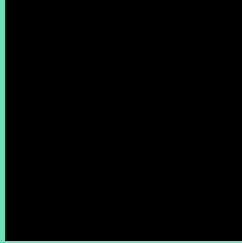
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

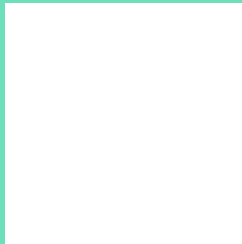
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7200699 Background



This preview shows how black text looks on a background with the Decimal color 7200699.



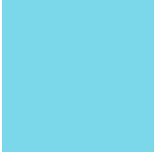
This preview shows how white text looks on a background with the Decimal color 7200699.

# 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**  
8116458

# Trichromacy



**Original Color**  
7200699



**Protanomaly**  
11456948



**Deuteranomaly**  
11980223

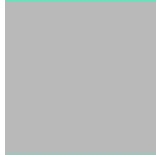


**Tritanomaly**  
7789529

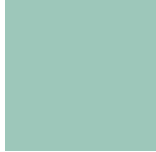
# Monochromacy



**Original Color**  
7200699



**Achromatopsia**  
12171705



**Achromatomaly**  
10340282

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7200699 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 #6DDFBF looks like.

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

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 #6DDFBB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7200699 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  
#6DDFBB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7200699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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