

# Converting Colors

Decimal(7055306)

Have a look what the booklet for  
Decimal(7055306) contains.

<b>Decimal(7055306)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7055306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA7CA
RGB	107, 167, 202
RGB Percent	42%, 65%, 79%
CMY	0.5804, 0.3451, 0.2078
CMYK	0.47, 0.17, 0.00, 0.21
HSL	202°, 47%, 61%
HSV	202°, 47%, 79%
XYZ	30.5428, 35.0275, 61.0283
YIQ	153.0500, -46.9950, -1.8350

# Conversions

## Conversions Part 2

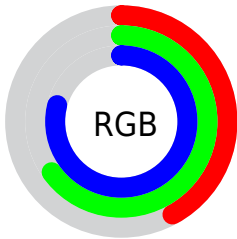
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	107, 144, 202
Decimal	7055306
CIE <sub>Lab</sub>	65.77, -9.98, -23.92
CIE <sub>LCh</sub>	66, 25.917, 247.343
Y <sub>xy</sub>	35.0275, 0.2413, 0.2767
Android (android.graphics.Color)	4285245386 (0xFF6BA7CA)
YUV	153.0500, 24.1324, -40.3858
Hunter-Lab	59.1840, -11.4545, -19.7088

# Details

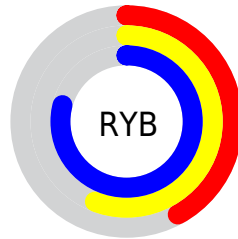
The Decimal color **7055306** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13274731**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **10739455**, and **3306388** is the 20% darker color. If you saturate the color by 10%, you get **5742794**, and if you desaturate by 10%, it is **8367818**.

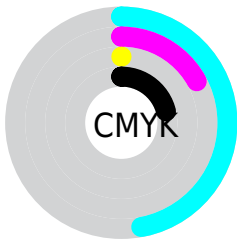
# Distribution



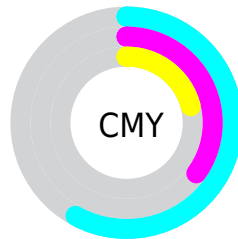
- Red (42%)
- Green (65%)
- Blue (79%)



- Red (42%)
- Yellow (56%)
- Blue (79%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (35%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7055306 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 7055306 by changing the saturation by 10% instead.





7055306



7055306

16777215



5213615



10739455



3306388



12581887



809850



14483455



17249



16449535



11593



6450



541



0



7055306



7055306

■ 5742794

■ 8367818

■ 4430026

■ 9680586

■ 3051978

■ 11058634

■ 1739210

■ 12371402

■ 426698

■ 13683914

■ 32970

■ 14996682

■ 16309194

■ 16769994

■ 16771786

# Harmonies

## Analogous

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



5876667



7055306



9150670

# Triad

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



7055306



13537179



9545594

# Complementary

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



7055306



13274731

# 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.



11247730



7055306



13472389

# Square

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



7055306



12751282



12621941



7842701

# Rectangle

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



7055306



10591177



12621941



10134902

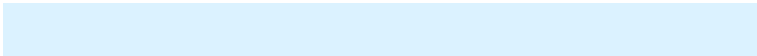


# Sweetspot

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



7055306



14414591



7064206



6977664



0



8421504

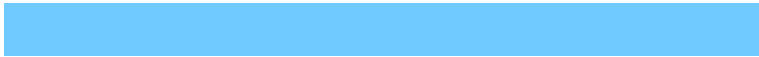


# Same Dimension

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



7055306



7391999



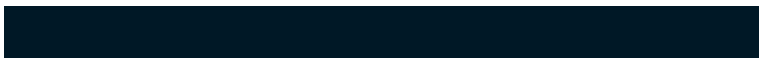
7043274



6054502



27046



6182



# Inverse Universe

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



13265831



16740554



13286763



6708322



10879081



2490392



# Previews

## White Background



This preview shows how the Decimal color 7055306 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 7055306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

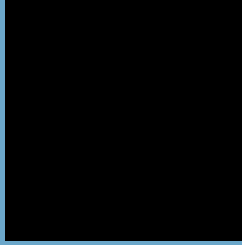
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7055306 Background



This preview shows how black text looks on a background with the Decimal color 7055306.



This preview shows how white text looks on a background with the Decimal color 7055306.

# 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**  
6662840

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7055306 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 #6BA7CA looks like.

```
.text, #text, p{  
    color:#6BA7CA  
}
```

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 #6BA7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA7CA
}
```

## Border

The CSS property to change the border of an element to Decimal 7055306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

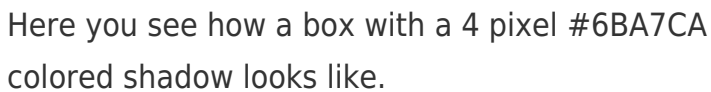
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BA7CA }
```

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

```
.border{ border-color:#6BA7CA }
```

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



Here you see how a box with a 4 pixel #6BA7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA7CA; -webkit-box-shadow:4px 4px  
4px 4px #6BA7CA; box-shadow:4px 4px 4px  
4px #6BA7CA }
```

# Background

The CSS property to change the background color of an element to Decimal 7055306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA7CA }
```

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

```
.background{ background-color:#6BA7CA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor