

# Converting Colors

Decimal(7141083)

Have a look what the booklet for  
Decimal(7141083) contains.

<b>Decimal(7141083)</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(7141083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF6DB
RGB	108, 246, 219
RGB Percent	42%, 96%, 86%
CMY	0.5765, 0.0353, 0.1412
CMYK	0.56, 0.00, 0.11, 0.04
HSL	168°, 88%, 69%
HSV	168°, 56%, 96%
XYZ	51.9263, 74.2142, 78.6058
YIQ	201.6600, -73.5810, -37.6530

# Conversions

## Conversions Part 2

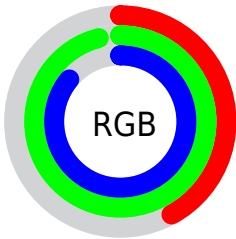
Format	Color
R <sub>YB</sub>	108, 184, 246
Decimal	7141083
CIE <sub>Lab</sub>	89.02, -43.94, 1.66
CIE <sub>LCh</sub>	89, 43.974, 177.838
Y <sub>xy</sub>	74.2142, 0.2536, 0.3625
Android (android.graphics.Color)	4285331163 (0xFF6CF6DB)
YUV	201.6600, 8.5486, -82.1398
Hunter-Lab	86.1476, -43.1658, 6.2039

# Details

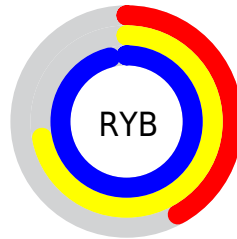
The Decimal color **7141083** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16149639**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **11141119**, and **2211236** is the 20% darker color. If you saturate the color by 10%, you get **5502678**, and if you desaturate by 10%, it is **8779488**.

# Distribution



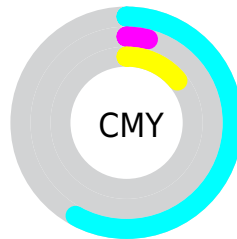
- Red (42%)
- Green (96%)
- Blue (86%)



- Red (42%)
- Yellow (72%)
- Blue (96%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7141083 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 7141083 by changing the saturation by 10% instead.



7141083

7141083

16777215

4970943

11141119

2211236

13172735

41354

15138815

34672

27992

21313

15147

9750

0

7141083

7141083

5502678

8779488

3929809

10352357

2291405

11990761

718536

13563630

63174

15202035

16774904

16774909

16774911

# Harmonies

## Analogous

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



10678962



7141083



4191743

# Triad

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



7141083



14735103



16764570

# Complementary

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



7141083



16149639

# 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.



16761531



7141083



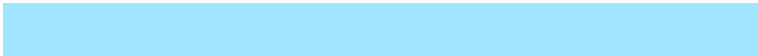
16762879

# Square

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



7141083



10479103



16761060



16702603

# Rectangle

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



7141083



4780799



16761060



16763299

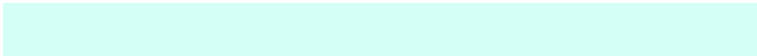


# Sweetspot

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



7141083



13959159



8975980



6717563



0



8421504



# Same Dimension

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



7141083



5570526



7130614



7240312



47766



15151



# Inverse Universe

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



16149639



16733302



16160108



8023665



12189732

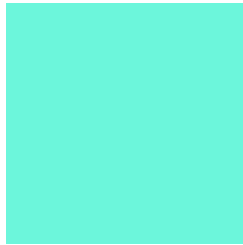


3866635



# Previews

## White Background



This preview shows how the Decimal color 7141083 looks on a white background.

## Color Contrast Check

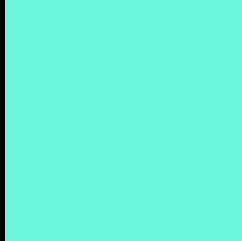
Large Text (above 18pt) WCAG AA × Fail

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 7141083 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 7141083 Background



This preview shows how black text looks on a background with the Decimal color 7141083.



This preview shows how white text looks on a background with the Decimal color 7141083.

# 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**  
9301759

# Trichromacy



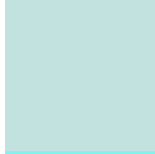
**Original Color**

7141083



**Protanomaly**

12248786



**Deuteranomaly**

12706527



**Tritanomaly**

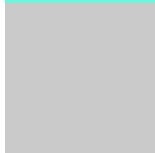
8516082

# Monochromacy



**Original Color**

7141083



**Achromatopsia**

13290186



**Achromatomaly**

11066064

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7141083 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 #6CF6DB looks like.

```
.text, #text, p{  
    color:#6CF6DB  
}
```

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 #6CF6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF6DB  
}
```

## Border

The CSS property to change the border of an element to Decimal 7141083 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  
#6CF6DB }
```

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

```
.border{ border-color:#6CF6DB }
```

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

Here you see how a box with a 4 pixel #6CF6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF6DB; -webkit-box-shadow:4px 4px  
4px 4px #6CF6DB; box-shadow:4px 4px 4px  
4px #6CF6DB }
```

# Background

The CSS property to change the background color of an element to Decimal 7141083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF6DB }
```

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

```
.background{ background-color:#6CF6DB }
```

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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