

# Converting Colors

Decimal(7076572)

Have a look what the booklet for  
Decimal(7076572) contains.

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# **Color**

**Decimal(7076572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BFADC
RGB	107, 250, 220
RGB Percent	42%, 98%, 86%
CMY	0.5804, 0.0196, 0.1373
CMYK	0.57, 0.00, 0.12, 0.02
HSL	167°, 93%, 70%
HSV	167°, 57%, 98%
XYZ	53.1673, 76.6643, 79.7056
YIQ	203.8230, -75.5980, -39.6460

# Conversions

## Conversions Part 2

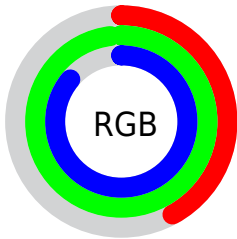
Format	Color
R <sub>YB</sub>	107, 187, 250
Decimal	7076572
CIE Lab	90.17, -45.64, 2.80
CIE LCh	90, 45.725, 176.493
Yxy	76.6643, 0.2537, 0.3659
Android (android.graphics.Color)	4285266652 (0xFF6BFADC)
YUV	203.8230, 7.9753, -84.9138
Hunter-Lab	87.5582, -44.8376, 7.3181

# Details

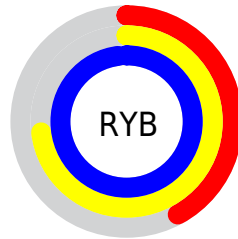
The Decimal color **7076572** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16411529**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **11141119**, and **1884581** is the 20% darker color. If you saturate the color by 10%, you get **5438167**, and if you desaturate by 10%, it is **8714977**.

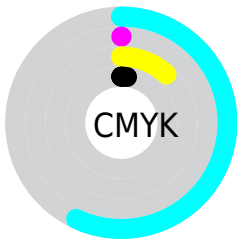
# Distribution



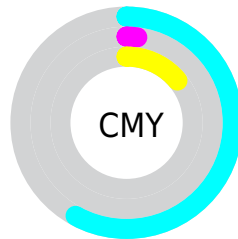
- Red (42%)
- Green (98%)
- Blue (86%)



- Red (42%)
- Yellow (73%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7076572 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 7076572 by changing the saturation by 10% instead.



 7076572

 7076572

16777215

 4840896

 11141119

 1884581

 13107199

 42379

 15138815

 35441

 28761

 22338

 15916

 10519

 256

■ 7076572

■ 7076572

■ 5438167

■ 8714977

■ 3799762

■ 10353382

■ 2161356

■ 11991788

■ 522951

■ 13630193

■ 64198

■ 15268598

■ 16775931

■ 16775935

# Harmonies

## Analogous

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



10876337



7076572



3406591

# Triad

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



7076572



14801407



16764827

# Complementary

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



7076572



16411529

# 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.



16762046



7076572



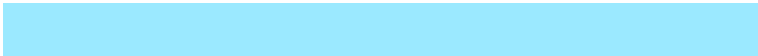
16763647

# Square

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



7076572



10217983



16761322



16768651

# Rectangle

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



7076572



3864319



16761322



16763813

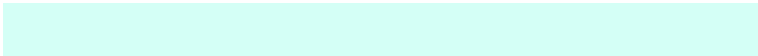


# Sweetspot

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



7076572



13959158



9108075



6717562



0



8421504



# Same Dimension

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



7076572



5242842



7066106



7372154



48533



15664



# Inverse Universe

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



16411529



16732020



16421995



8220787



12386344

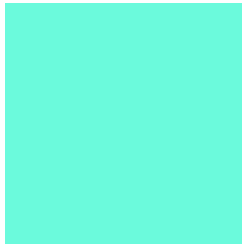


3997709



# Previews

## White Background



This preview shows how the Decimal color 7076572 looks on a white background.

## Color Contrast Check

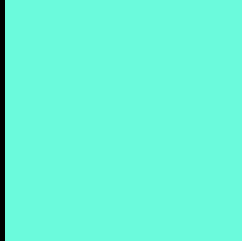
Large Text (above 18pt) WCAG AA × Fail

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 7076572 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 7076572 Background



This preview shows how black text looks on a background with the Decimal color 7076572.

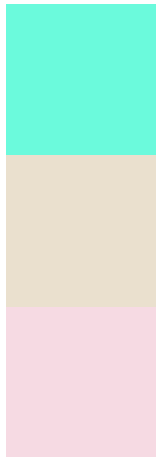


This preview shows how white text looks on a background with the Decimal color 7076572.

# 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



**Original Color**  
7076572

**Protanopia**  
15392974

**Deuteranopia**  
16177891



**Tritanopia**  
10219775

# Trichromacy



**Original Color**

7076572



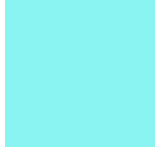
**Protanomaly**

12380627



**Deuteranomaly**

12838624



**Tritanomaly**

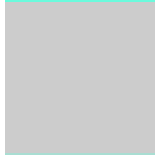
9106674

# Monochromacy



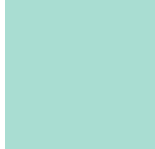
**Original Color**

7076572



**Achromatopsia**

13421772



**Achromatomaly**

11132370

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7076572 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 #6BFADC looks like.

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

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 #6BFADC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7076572 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
#6BFADC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7076572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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