

# Converting Colors

Decimal(7327960)

Have a look what the booklet for  
Decimal(7327960) contains.

<b>Decimal(7327960)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7327960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FD0D8
RGB	111, 208, 216
RGB Percent	44%, 82%, 85%
CMY	0.5647, 0.1843, 0.1529
CMYK	0.49, 0.04, 0.00, 0.15
HSL	185°, 57%, 64%
HSV	185°, 49%, 85%
XYZ	41.5061, 53.4491, 73.0949
YIQ	179.9090, -60.3800, -18.0760

# Conversions

## Conversions Part 2

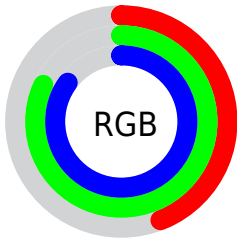
Format	Color
R <sub>YB</sub>	111, 161, 216
Decimal	7327960
CIE Lab	78.14, -26.43, -12.81
CIE LCh	78, 29.375, 205.858
Yxy	53.4491, 0.2470, 0.3181
Android (android.graphics.Color)	4285518040 (0xFF6FD0D8)
YUV	179.9090, 17.7929, -60.4332
Hunter-Lab	73.1089, -26.6009, -8.1024

# Details

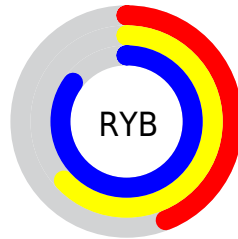
The Decimal color **7327960** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14186351**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11141119**, and **3250593** is the 20% darker color. If you saturate the color by 10%, you get **5885656**, and if you desaturate by 10%, it is **8770264**.

# Distribution



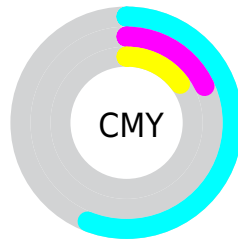
- Red (44%)
- Green (82%)
- Blue (85%)



- Red (44%)
- Yellow (63%)
- Blue (85%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7327960 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 7327960 by changing the saturation by 10% instead.



7327960

7327960

16777215

5354684

11141119

3250593

13041663

32647

15007743

26222

19797

13886

8744

276

0

■ 7327960

■ 7327960

■ 5885656

■ 8770264

■ 4509144

■ 10146776

■ 3066840

■ 11589080

■ 1690072

■ 12965848

■ 248024

■ 14407896

■ 51416

■ 15850200

■ 16768216

■ 16768472

■ 16768984

# Harmonies

## Analogous

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



8442044



7327960



7982318

# Triad

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



7327960



14791648



14270091

# Complementary

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



7327960



14186351

# 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.



15644053



7327960



16035526

# Square

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



7327960



12631282



16297899



12371856

# Rectangle

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



7327960



9292021



16297899



14793613

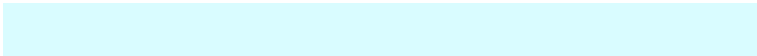


# Sweetspot

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



7327960



14286079



7329910



6913664



0



8421504



# Same Dimension

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



7327960



7075071



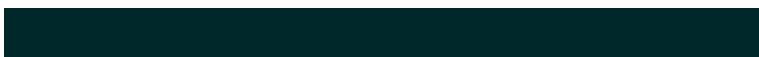
7314904



6318699



40619



10283



# Inverse Universe

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



14184400



16739316



14199663



7037034



11206814

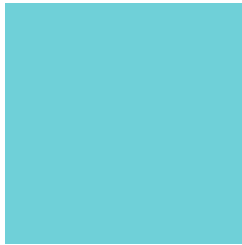


2818088



# Previews

## White Background



This preview shows how the Decimal color 7327960 looks on a white background.

## Color Contrast Check

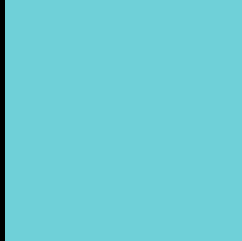
Large Text (above 18pt) WCAG AA × Fail

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 7327960 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 7327960 Background



This preview shows how black text looks on a background with the Decimal color 7327960.



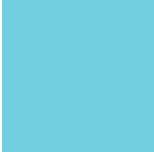
This preview shows how white text looks on a background with the Decimal color 7327960.

# 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



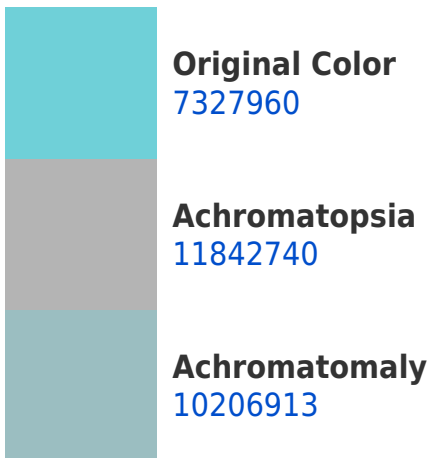


**Tritanopia**  
7458784

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7327960 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 #6FD0D8 looks like.

```
.text, #text, p{  
    color:#6FD0D8  
}
```

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 #6FD0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD0D8
}
```

## Border

The CSS property to change the border of an element to Decimal 7327960 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
#6FD0D8 }
```

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

```
.border{ border-color:#6FD0D8 }
```

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

Here you see how a box with a 4 pixel #6FD0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD0D8; -webkit-box-shadow:4px 4px  
4px 4px #6FD0D8; box-shadow:4px 4px 4px  
4px #6FD0D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7327960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD0D8 }
```

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

```
.background{ background-color:#6FD0D8 }
```

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