

# Converting Colors

Decimal(7127466)

Have a look what the booklet for  
Decimal(7127466) contains.

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# **Color**

**Decimal(7127466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC1AA
RGB	108, 193, 170
RGB Percent	42%, 76%, 67%
CMY	0.5765, 0.2431, 0.3333
CMYK	0.44, 0.00, 0.12, 0.24
HSL	164°, 41%, 59%
HSV	164°, 44%, 76%
XYZ	32.5100, 44.2304, 44.8541
YIQ	164.9630, -43.2770, -25.1730

# Conversions

## Conversions Part 2

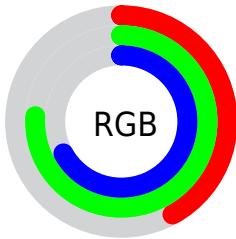
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 157, 193
Decimal	7127466
CIELab	72.38, -31.28, 3.57
CIELCh	72, 31.487, 173.492
Yxy	44.2304, 0.2674, 0.3638
Android (android.graphics.Color)	4285317546 (0xFF6CC1AA)
YUV	164.9630, 2.4832, -49.9566
Hunter-Lab	66.5059, -29.1294, 6.5667

# Details

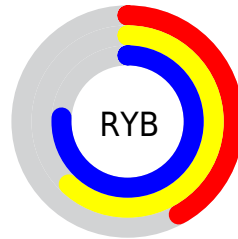
The Decimal color **7127466** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12676227**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **10812129**, and **3443574** is the 20% darker color. If you saturate the color by 10%, you get **5882277**, and if you desaturate by 10%, it is **8372655**.

# Distribution



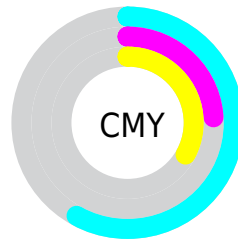
- Red (42%)
- Green (76%)
- Blue (67%)



- Red (42%)
- Yellow (62%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7127466 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 7127466 by changing the saturation by 10% instead.





7127466



7127466

16777215



5285520



10812129



3443574



12648446



1143133



14548991



22598



16449535



16431



10779



3840



0



7127466



7127466

■ 5882277

■ 8372655

■ 4571552

■ 9683380

■ 3326362

■ 10928570

■ 2081173

■ 12173759

■ 770448

■ 13418948

■ 49549

■ 14729673

■ 15974863

■ 16761300

■ 16761305

# Harmonies

## Analogous

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



9289102



7127466



5620167

# Triad

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



7127466



11381990



14787716

# Complementary

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



7127466



12676227

# 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.



15441308



7127466



13673428

# Square

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



7127466



8566506



15113657



13414008

# Rectangle

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



7127466



5685208



15113657



15114635

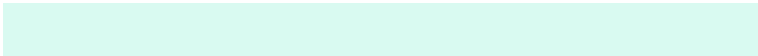


# Sweetspot

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



7127466



14285553



8700268



6913400



16579836



8224125



# Same Dimension

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



7127466



7731926



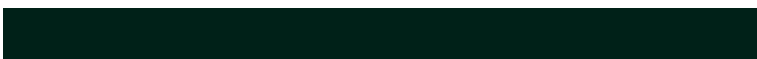
7122881



5726558



41333



8472



# Inverse Universe

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



12676227



16414105



12680812



6379354



10551339

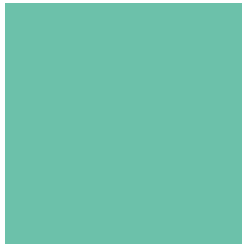


2162697



# Previews

## White Background



This preview shows how the Decimal color 7127466 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 7127466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

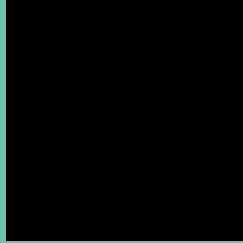
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7127466 Background



This preview shows how black text looks on a background with the Decimal color 7127466.

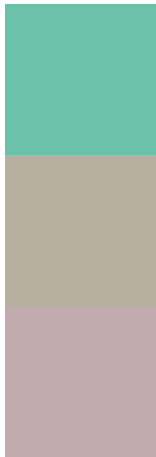


This preview shows how white text looks on a background with the Decimal color 7127466.

# 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](#).

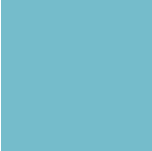
## Dichromacy



**Original Color**  
7127466

**Protanopia**  
12038305

**Deuteranopia**  
12757935



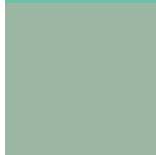
**Tritanopia**  
7716043

# Trichromacy



**Original Color**

7127466



**Protanomaly**

10270372



**Deuteranomaly**

10728365



**Tritanomaly**

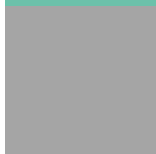
7519935

# Monochromacy



**Original Color**

7127466



**Achromatopsia**

10855845



**Achromatomaly**

9482151

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7127466 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 #6CC1AA looks like.

```
.text, #text, p{  
    color:#6CC1AA  
}
```

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 #6CC1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC1AA
}
```

## Border

The CSS property to change the border of an element to Decimal 7127466 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
#6CC1AA }
```

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

```
.border{ border-color:#6CC1AA }
```

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

Here you see how a box with a 4 pixel #6CC1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC1AA; -webkit-box-shadow:4px 4px  
4px 4px #6CC1AA; box-shadow:4px 4px 4px  
4px #6CC1AA }
```

# Background

The CSS property to change the background color of an element to Decimal 7127466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC1AA }
```

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

```
.background{ background-color:#6CC1AA }
```

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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