

# Converting Colors

Decimal(7069876)

Have a look what the booklet for  
Decimal(7069876) contains.

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# **Color**

**Decimal(7069876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE0B4
RGB	107, 224, 180
RGB Percent	42%, 88%, 71%
CMY	0.5804, 0.1216, 0.2941
CMYK	0.52, 0.00, 0.20, 0.12
HSL	157°, 65%, 65%
HSV	157°, 52%, 88%
XYZ	40.9573, 59.7324, 52.5508
YIQ	184.0010, -55.6080, -38.4880

# Conversions

## Conversions Part 2

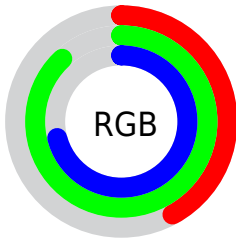
Format	Color
<a href="#">RYB</a>	<a href="#">107, 179, 224</a>
Decimal	<a href="#">7069876</a>
CIELab	<a href="#">81.69, -43.43, 11.55</a>
CIELCh	<a href="#">82, 44.939, 165.101</a>
Yxy	<a href="#">59.7324, 0.2673, 0.3898</a>
Android (android.graphics.Color)	<a href="#">4285259956 (0xFF6BE0B4)</a>
YUV	<a href="#">184.0010, -1.9725, -67.5299</a>
Hunter-Lab	<a href="#">77.2867, -40.6576, 13.7867</a>

# Details

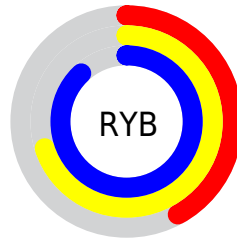
The Decimal color **7069876** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14707607**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **10878956**, and **2861183** is the 20% darker color. If you saturate the color by 10%, you get **5628076**, and if you desaturate by 10%, it is **8511676**.

# Distribution



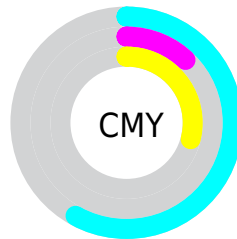
- Red (42%)
- Green (88%)
- Blue (71%)



- Red (42%)
- Yellow (70%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7069876 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 7069876 by changing the saturation by 10% instead.



 7069876

 7069876

16777215

 5096601

 10878956

 2861183

 12845055

 36198

 14745599

 29518

16711679

 22839

 16674

 11020

 3072

 0

 7069876

 7069876

 5628076

 8511676

 4120739

 10019013

 2678939

 11460813

 1171602

 12968150

 57484

 14409950

 15851751

 16769263

 16769271

 16769279

# Harmonies

## Analogous

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



10672782



7069876



2023904

# Triad

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



7069876



11585791



16757649

# Complementary

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



7069876



14707607

# 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.



16755383



7069876



15448319

# Square

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



7069876



6673919



16755938



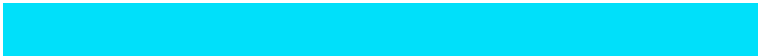
16367994

# Rectangle

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



7069876



57594



16755938



16756637

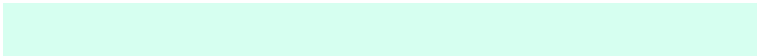


# Sweetspot

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



7069876



14090224



10018923



6783094



0



8421504



# Same Dimension

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



7069876



6225859



7066336



6647916



45166



12318



# Inverse Universe

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



14707607



16735899



14711147



7365993



11534402

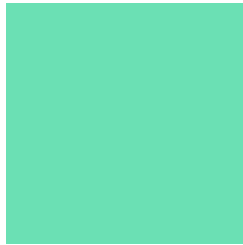


3145746



# Previews

## White Background



This preview shows how the Decimal color 7069876 looks on a white background.

## Color Contrast Check

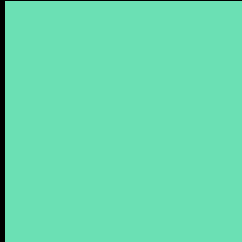
Large Text (above 18pt) WCAG AA × Fail

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 7069876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

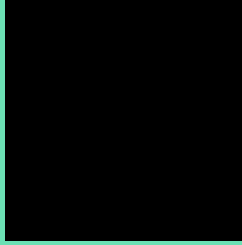
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7069876 Background



This preview shows how black text looks on a background with the Decimal color 7069876.




This preview shows how white text looks on a background with the Decimal color 7069876.

# 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**  
8116714

# Trichromacy



**Original Color**

7069876



**Protanomaly**

11456941



**Deuteranomaly**

12046008



**Tritanomaly**

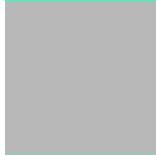
7724246

# Monochromacy



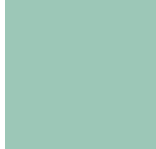
**Original Color**

7069876



**Achromatopsia**

12105912



**Achromatomaly**

10274743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7069876 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 #6BE0B4 looks like.

```
.text, #text, p{  
    color:#6BE0B4  
}
```

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 #6BE0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE0B4
}
```

## Border

The CSS property to change the border of an element to Decimal 7069876 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
#6BE0B4 }
```

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

```
.border{ border-color:#6BE0B4 }
```

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

Here you see how a box with a 4 pixel #6BE0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE0B4; -webkit-box-shadow:4px 4px  
4px 4px #6BE0B4; box-shadow:4px 4px 4px  
4px #6BE0B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7069876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE0B4 }
```

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

```
.background{ background-color:#6BE0B4 }
```

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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