

Converting Colors

Decimal(7007189)

Have a look what the booklet for
Decimal(7007189) contains.

Decimal(7007189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7007189)

Conversions

Conversions Part 1

Format	Color
Hex	6AEBD5
RGB	106, 235, 213
RGB Percent	42%, 92%, 84%
CMY	0.5843, 0.0784, 0.1647
CMYK	0.55, 0.00, 0.09, 0.08
HSL	170°, 76%, 67%
HSV	170°, 55%, 92%
XYZ	47.6624, 67.2849, 73.4260
YIQ	193.9210, -69.8220, -34.1900

Conversions

Conversions Part 2

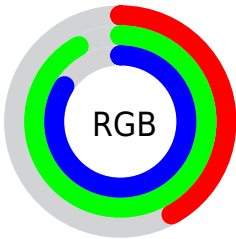
Format	Color
RYB	106, 177, 235
Decimal	7007189
CIELab	85.65, -40.90, -0.13
CIELCh	86, 40.900, 180.183
Yxy	67.2849, 0.2530, 0.3572
Android (android.graphics.Color)	4285197269 (0xFF6AEBD5)
YUV	193.9210, 9.4059, -77.1067
Hunter-Lab	82.0274, -39.8296, 4.3463

Details

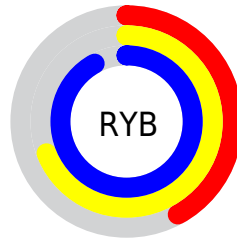
The Decimal color **7007189** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **15428224**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **11010047**, and **2208670** is the 20% darker color. If you saturate the color by 10%, you get **5434321**, and if you desaturate by 10%, it is **8580057**.

Distribution



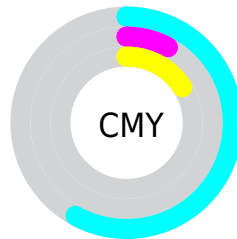
- Red (42%)
- Green (92%)
- Blue (84%)



- Red (42%)
- Yellow (69%)
- Blue (92%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (58%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7007189 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 7007189 by changing the saturation by 10% instead.

7007189

7007189

16777215

4902585

11010047

2208670

12976127

38788

14942207

32107

25427

19004

13094

7442

0

7007189

7007189

5434321

8580057

3926989

10087389

2354121

11660257

846789

13167589

60355

14674921

16247789

16772081

16772085

16772089

Harmonies

Analogous

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



10151854



7007189



4844284

Triad

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



7007189



14404863



16762516

Complementary

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



7007189



15428224

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.



16759985



7007189



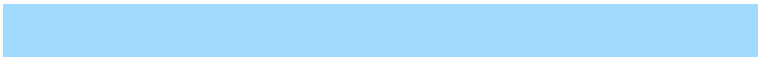
16760829

Square

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



7007189



10607359



16759255



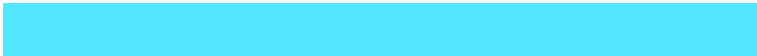
15783048

Rectangle

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



7007189



5564415



16759255



16761500

Sweetspot

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



7007189



14090232



8579946



6783099



0



8421504

Same Dimension

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



7007189



5767138



6996715



6976883



46486



13868

Inverse Universe

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



15428224



16734067



15438698



7694956



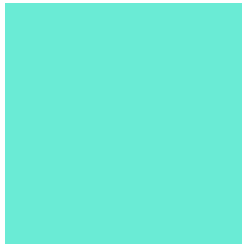
11862047



3538953

Previews

White Background



This preview shows how the Decimal color 7007189 looks on a white background.

Color Contrast Check

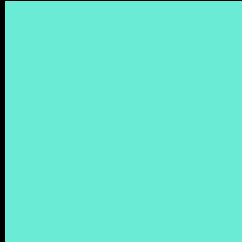
Large Text (above 18pt) WCAG AA × Fail

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 7007189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

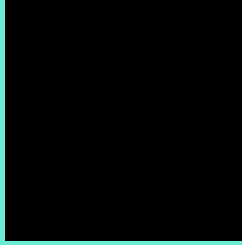
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

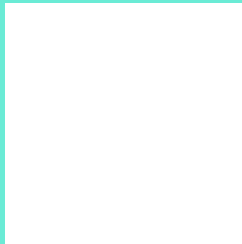
Any Text WCAG AAA ✓ Pass

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

Decimal 7007189 Background



This preview shows how black text looks on a background with the Decimal color 7007189.



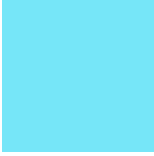
This preview shows how white text looks on a background with the Decimal color 7007189.

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
7792376

Trichromacy



Original Color

7007189



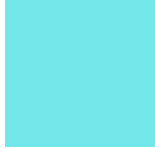
Protanomaly

11721933



Deuteranomaly

12179929



Tritanomaly

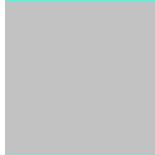
7530731

Monochromacy



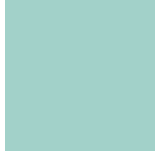
Original Color

7007189



Achromatopsia

12763842



Achromatomaly

10670537

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7007189 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 #6AEBD5 looks like.

```
.text, #text, p{  
    color:#6AEBD5  
}
```

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 #6AEBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEBD5
}
```

Border

The CSS property to change the border of an element to Decimal 7007189 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
#6AEBD5 }
```

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

```
.border{ border-color:#6AEBD5 }
```

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

Here you see how a box with a 4 pixel #6AEBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEBD5; -webkit-box-shadow:4px 4px  
4px 4px #6AEBD5; box-shadow:4px 4px 4px  
4px #6AEBD5 }
```

Background

The CSS property to change the background color of an element to Decimal 7007189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEBD5 }
```

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

```
.background{ background-color:#6AEBD5 }
```

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