

# Converting Colors

Decimal(7005336)

Have a look what the booklet for  
Decimal(7005336) contains.

<b>Decimal(7005336)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7005336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AE498
RGB	106, 228, 152
RGB Percent	42%, 89%, 60%
CMY	0.5843, 0.1059, 0.4039
CMYK	0.54, 0.00, 0.33, 0.11
HSL	143°, 69%, 65%
HSV	143°, 54%, 89%
XYZ	39.3548, 60.8180, 39.3706
YIQ	182.8580, -48.3160, -49.5000

# Conversions

## Conversions Part 2

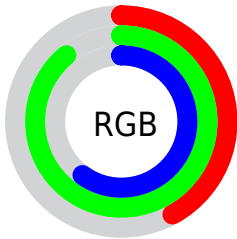
Format	Color
<a href="#">RYB</a>	<a href="#">106, 195, 228</a>
Decimal	<a href="#">7005336</a>
CIELab	<a href="#">82.28, -50.96, 26.97</a>
CIELCh	<a href="#">82, 57.650, 152.113</a>
Yxy	<a href="#">60.8180, 0.2820, 0.4358</a>
Android (android.graphics.Color)	<a href="#">4285195416 (0xFF6AE498)</a>
YUV	<a href="#">182.8580, -15.2130, -67.4045</a>
Hunter-Lab	<a href="#">77.9859, -46.3971, 24.6580</a>

# Details

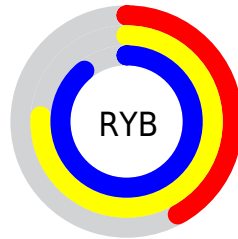
The Decimal color **7005336** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **14969526**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10878927**, and **2665572** is the 20% darker color. If you saturate the color by 10%, you get **5497994**, and if you desaturate by 10%, it is **8512678**.

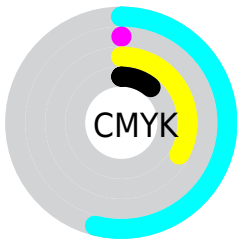
# Distribution



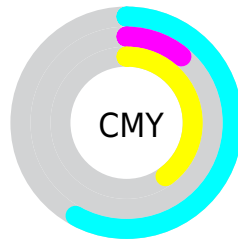
- Red (42%)
- Green (89%)
- Blue (60%)



- Red (42%)
- Yellow (76%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7005336 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 7005336 by changing the saturation by 10% instead.



7005336

7005336

16777215

4966270

10878927

2665572

12779499

36940

14745599

30260

16711679

23581

17158

11520

3840

0

 7005336

 7005336

 5497994

 8512678

 3990652

 10020020

 2548845

 11461827

 1041503

 12969169

 58454

 14476511

 15983853

 16770299

 16770303

# Harmonies

## Analogous

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



11655789



7005336



59599

# Triad

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



7005336



7590399



16754326

# Complementary

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



7005336



14969526

# 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.



16752587



7005336



14073343

# Square

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



7005336



57343



16755199



16758637

# Rectangle

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



7005336



59636



16755199



16753319

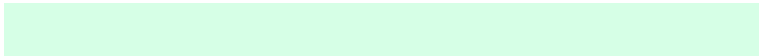


# Sweetspot

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



7005336



14090214



12051562



6783088



0



8421504



# Same Dimension

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



7005336



6094745



7005396



6779756



45891



13075



# Inverse Universe

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



14969526



16735425



14969466



7563118



11731055

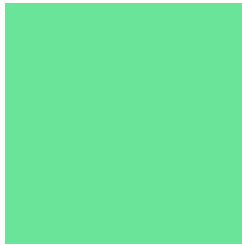


3342368



# Previews

## White Background



This preview shows how the Decimal color 7005336 looks on a white background.

## Color Contrast Check

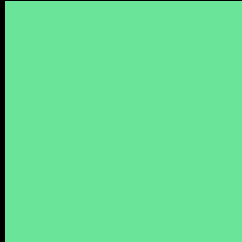
Large Text (above 18pt) WCAG AA × Fail

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 7005336 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

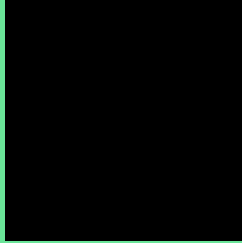
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7005336 Background



This preview shows how black text looks on a background with the Decimal color 7005336.



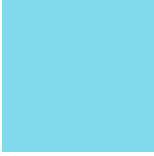
This preview shows how white text looks on a background with the Decimal color 7005336.

# 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





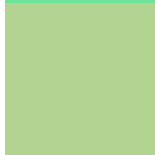
**Tritanopia**  
8444651

# Trichromacy



**Original Color**

7005336



**Protanomaly**

11785361



**Deuteranomaly**

12504988



**Tritanomaly**

7921357

# Monochromacy



**Original Color**

7005336



**Achromatopsia**

12040119



**Achromatomaly**

10209196

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7005336 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 #6AE498 looks like.

```
.text, #text, p{  
    color:#6AE498  
}
```

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 #6AE498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE498
}
```

## Border

The CSS property to change the border of an element to Decimal 7005336 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
#6AE498 }
```

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

```
.border{ border-color:#6AE498 }
```

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

Here you see how a box with a 4 pixel #6AE498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE498; -webkit-box-shadow:4px 4px  
4px 4px #6AE498; box-shadow:4px 4px 4px  
4px #6AE498 }
```

# Background

The CSS property to change the background color of an element to Decimal 7005336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE498 }
```

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

```
.background{ background-color:#6AE498 }
```

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