

# Converting Colors

Decimal(7009705)

Have a look what the booklet for  
Decimal(7009705) contains.

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# **Color**

**Decimal(7009705)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6AF5A9                       |
| RGB         | 106, 245, 169                |
| RGB Percent | 42%, 96%, 66%                |
| CMY         | 0.5843, 0.0392, 0.3373       |
| CMYK        | 0.57, 0.00, 0.31, 0.04       |
| HSL         | 147°, 87%, 69%               |
| HSV         | 147°, 57%, 96%               |
| XYZ         | 45.7577, 71.2336, 48.8739    |
| YIQ         | 194.7750, -58.4480, -53.1040 |

# Conversions

## Conversions Part 2

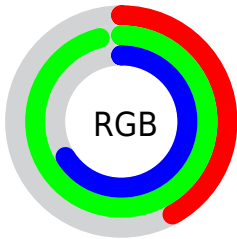
| Format                              | Color                                            |
|-------------------------------------|--------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">106, 202, 245</a>                    |
| Decimal                             | <a href="#">7009705</a>                          |
| CIELab                              | <a href="#">87.60, -54.67, 25.48</a>             |
| CIELCh                              | <a href="#">88, 60.320, 155.008</a>              |
| Yxy                                 | <a href="#">71.2336, 0.2759,<br/>0.4295</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285199785<br/>(0xFF6AF5A9)</a>      |
| YUV                                 | <a href="#">194.7750, -12.7071,<br/>-77.8557</a> |
| Hunter-Lab                          | <a href="#">84.4000, -50.9257,<br/>24.7466</a>   |

# Details

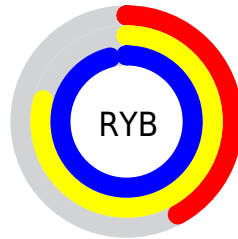
The Decimal color **7009705** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16083638**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **11010017**, and **2210932** is the 20% darker color. If you saturate the color by 10%, you get **5436828**, and if you desaturate by 10%, it is **8648118**.

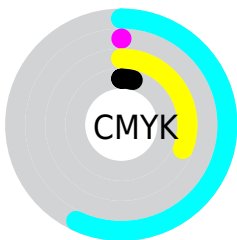
# Distribution



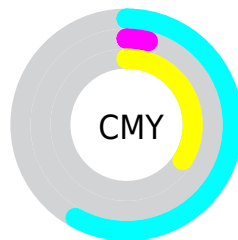
- Red (42%)
- Green (96%)
- Blue (66%)



- Red (42%)
- Yellow (79%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7009705 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 7009705 by changing the saturation by 10% instead.



 7009705

 7009705

16777215

 4839566

 11010017

 2210932

 12976125

 41051

 14942207

 34115

 27436

 20758

 14592

 8704

 0

 7009705


 7009705

 5436828

 8648118

 3798414

 10220996

 2160001

 11793873

 587123

 13432287

 62831

 15070700

 16643577

 16774655

# Harmonies

## Analogous

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



12118906



7009705



63972

# Triad

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



7009705



9101055



16757917

# Complementary

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



7009705



16083638

# 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.



16755668



7009705



15583743

# Square

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



7009705



61183



16758015



16762740

# Rectangle

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



7009705



63743



16758015



16756654

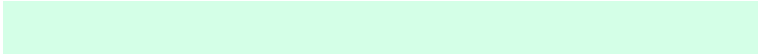


# Sweetspot

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



7009705



13959143



11990378



6717554



0



8421504



# Same Dimension

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



7009705



5439392



7009774



7240308



47700



15131



# Inverse Universe

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



16083638



16732848



16083569



8023669



12189798

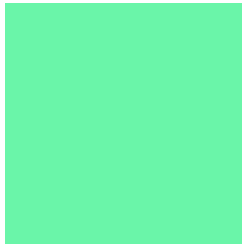


3866656



# Previews

## White Background



This preview shows how the Decimal color 7009705 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 7009705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

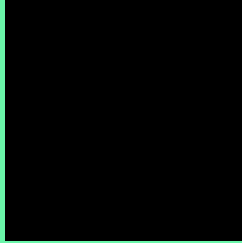
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7009705 Background



This preview shows how black text looks on a background with the Decimal color 7009705.




This preview shows how white text looks on a background with the Decimal color 7009705.

# 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**  
8645373

# Trichromacy



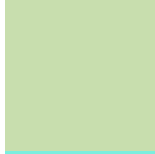
**Original Color**

7009705



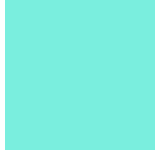
**Protanomaly**

12313761



**Deuteranomaly**

13164206



**Tritanomaly**

8056542

# Monochromacy



**Original Color**

7009705



**Achromatopsia**

12829635



**Achromatomaly**

10737082

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7009705 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 #6AF5A9 looks like.

```
.text, #text, p{  
    color:#6AF5A9  
}
```

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 #6AF5A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF5A9
}
```

## Border

The CSS property to change the border of an element to Decimal 7009705 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
#6AF5A9 }
```

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

```
.border{ border-color:#6AF5A9 }
```

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

Here you see how a box with a 4 pixel #6AF5A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF5A9; -webkit-box-shadow:4px 4px  
4px 4px #6AF5A9; box-shadow:4px 4px 4px  
4px #6AF5A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7009705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF5A9 }
```

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

```
.background{ background-color:#6AF5A9 }
```

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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