

# Converting Colors

Decimal(7141777)

Have a look what the booklet for  
Decimal(7141777) contains.

|  |    |
|--|----|
| <b>Decimal(7141777)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Decimal(7141777)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6CF991                       |
| RGB         | 108, 249, 145                |
| RGB Percent | 42%, 98%, 57%                |
| CMY         | 0.5765, 0.0235, 0.4314       |
| CMYK        | 0.57, 0.00, 0.42, 0.02       |
| HSL         | 136°, 92%, 70%               |
| HSV         | 136°, 57%, 98%               |
| XYZ         | 45.1709, 72.9838, 38.4946    |
| YIQ         | 194.9850, -50.6520, -62.2360 |

# Conversions

## Conversions Part 2

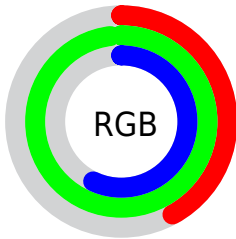
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">108, 220, 249</a>                |
| Decimal                             | <a href="#">7141777</a>                      |
| CIELab                              | <a href="#">88.44, -59.98, 38.65</a>         |
| CIELCh                              | <a href="#">88, 71.355, 147.204</a>          |
| Yxy                                 | <a href="#">72.9838, 0.2884, 0.4659</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285331857</a><br>(0xFF6CF991)   |
| YUV                                 | <a href="#">194.9850, -24.6426, -76.2858</a> |
| Hunter-Lab                          | <a href="#">85.4306, -55.1228, 33.0856</a>   |

# Details

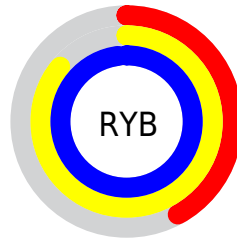
The Decimal color **7141777** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16346324**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **11141064**, and **2277213** is the 20% darker color. If you saturate the color by 10%, you get **5503359**, and if you desaturate by 10%, it is **8780195**.

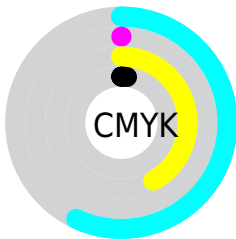
# Distribution



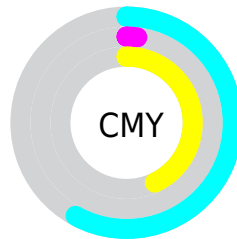
- Red (42%)
- Green (98%)
- Blue (57%)



- Red (42%)
- Yellow (86%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7141777 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 7141777 by changing the saturation by 10% instead.




 7141777

 7141777

16777215

 4971639

 11141064

 2277213

 13107172

 42052

 15138815

 34859

 28176

 21504

 15360

 9216

 0

 7141777

 7141777

 5503359

 8780195

 3864940

 10418614

 2226522

 12057032

 588104

 13695450

 63809

 15333869

 16775679

# Harmonies

## Analogous

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



13036637



7141777



65493

# Triad

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



7141777



59391



16754596

# Complementary

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



7141777



16346324

# 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.



16753383



7141777



14077951

# Square

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



7141777



63487



16757759



16760684

# Rectangle

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



7141777



65535



16757759



16753593

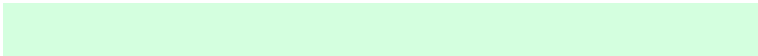


# Sweetspot

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



7141777



13959135



14088556



6717549



0



8421504



# Same Dimension

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



7141777



5439359



7141846



7372148



48434



15632



# Inverse Universe

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



16346324



16732881



16346255



8220794



12386443

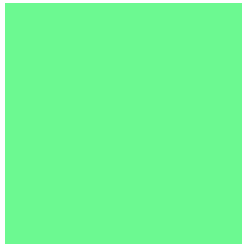


3997741



# Previews

## White Background



This preview shows how the Decimal color 7141777 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 7141777 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 7141777 Background



This preview shows how black text looks on a background with the Decimal color 7141777.

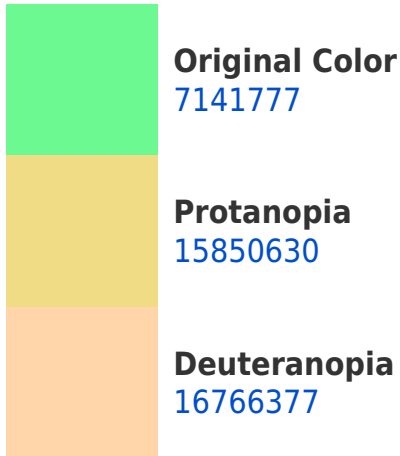


This preview shows how white text looks on a background with the Decimal color 7141777.

# 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](#).

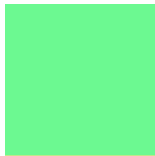
## Dichromacy





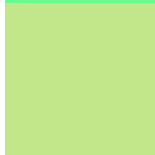
**Tritanopia**  
9104639

# Trichromacy



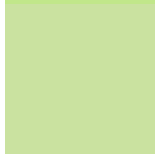
**Original Color**

7141777



**Protanomaly**

12707722



**Deuteranomaly**

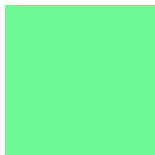
13296288



**Tritanomaly**

8384983

# Monochromacy



**Original Color**

7141777



**Achromatopsia**

12829635



**Achromatomaly**

10737585

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7141777 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 #6CF991 looks like.

```
.text, #text, p{  
    color:#6CF991  
}
```

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 #6CF991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF991
}
```

## Border

The CSS property to change the border of an element to Decimal 7141777 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
#6CF991 }
```

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

```
.border{ border-color:#6CF991 }
```

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

Here you see how a box with a 4 pixel #6CF991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF991; -webkit-box-shadow:4px 4px  
4px 4px #6CF991; box-shadow:4px 4px 4px  
4px #6CF991 }
```

# Background

The CSS property to change the background color of an element to Decimal 7141777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF991 }
```

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

```
.background{ background-color:#6CF991 }
```

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