

# Converting Colors

Decimal(7012182)

Have a look what the booklet for  
Decimal(7012182) contains.

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# **Color**

**Decimal(7012182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AFF56
RGB	106, 255, 86
RGB Percent	42%, 100%, 34%
CMY	0.5843, 0.0000, 0.6627
CMYK	0.58, 0.00, 0.66, 0.00
HSL	113°, 100%, 67%
HSV	113°, 66%, 100%
XYZ	43.3836, 75.2561, 21.0434
YIQ	191.1830, -34.5550, -84.1470

# Conversions

## Conversions Part 2

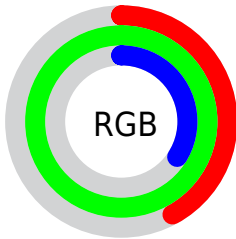
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 255, 235
Decimal	7012182
CIELab	89.51, -69.82, 66.29
CIELCh	90, 96.275, 136.488
Yxy	75.2561, 0.3106, 0.5388
Android (android.graphics.Color)	4285202262 (0xFF6AFF56)
YUV	191.1830, -51.8552, -74.7055
Hunter-Lab	86.7502, -62.5456, 46.3429

# Details

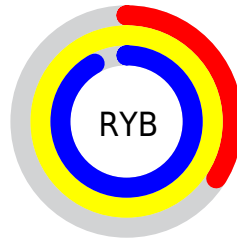
The Decimal color **7012182** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **15423231**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **11206542**, and **1099027** is the 20% darker color. If you saturate the color by 10%, you get **5570365**, and if you desaturate by 10%, it is **8454000**.

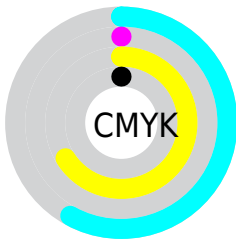
# Distribution



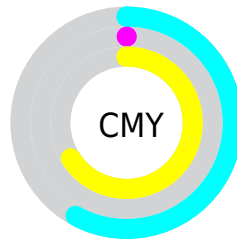
- Red (42%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (92%)



- Cyan (58%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7012182 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 7012182 by changing the saturation by 10% instead.



 7012182	 7012182
 16777215	 4645432
 11206542	 1099027
 13238187	 43264
 15269832	 36096
 16777189	 29184
	 22528
	 16128
	 9984
	 0

■ 7012182

■ 7012182

■ 5570365

■ 8454000

■ 4063011

■ 9961353

■ 2621194

■ 11403171

■ 2031360

■ 12910524

■ 14352342

■ 15859695

16777215

# Harmonies

## Analogous

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



14478336



7012182



65459

# Triad

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



7012182



63743



16745394

# Complementary

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



7012182



15423231

# 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.



16746751



7012182



8248063

# Square

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



7012182



65535



16756991



16754013

# Rectangle

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



7012182



65523



16756991



16744401

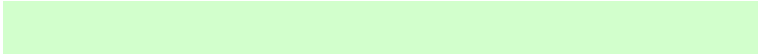


# Sweetspot

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



7012182



13828044



16771158



6652001



0



8421504



# Same Dimension

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



7012182



4980531



5701524



7635059



1556224



540672



# Inverse Universe

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



15423231



15152127



16733889



8287104



11075775

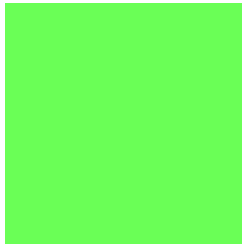


3670080



# Previews

## White Background



This preview shows how the Decimal color 7012182 looks on a white background.

## Color Contrast Check

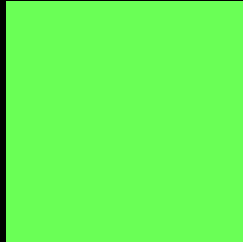
Large Text (above 18pt) WCAG AA × Fail

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 7012182 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

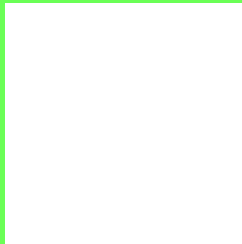
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7012182 Background



This preview shows how black text looks on a background with the Decimal color 7012182.

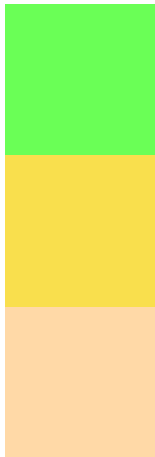


This preview shows how white text looks on a background with the Decimal color 7012182.

# 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



**Original Color**  
7012182

**Protanopia**  
16375629

**Deuteranopia**  
16767399



**Tritanopia**  
10022399

# Trichromacy



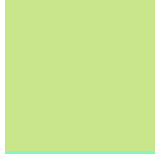
**Original Color**

7012182



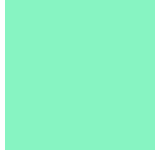
**Protanomaly**

12970832



**Deuteranomaly**

13232010



**Tritanomaly**

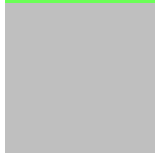
8910018

# Monochromacy



**Original Color**

7012182



**Achromatopsia**

12566463



**Achromatomaly**

10540697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7012182 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 #6AFF56 looks like.

```
.text, #text, p{  
    color:#6AFF56  
}
```

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 #6AFF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFF56
}
```

## Border

The CSS property to change the border of an element to Decimal 7012182 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
#6AFF56 }
```

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

```
.border{ border-color:#6AFF56 }
```

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

Here you see how a box with a 4 pixel #6AFF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFF56; -webkit-box-shadow:4px 4px  
4px 4px #6AFF56; box-shadow:4px 4px 4px  
4px #6AFF56 }
```

# Background

The CSS property to change the background color of an element to Decimal 7012182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFF56 }
```

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

```
.background{ background-color:#6AFF56 }
```

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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