

# Converting Colors

Decimal(7010201)

Have a look what the booklet for  
Decimal(7010201) contains.

<b>Decimal(7010201)</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(7010201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AF799
RGB	106, 247, 153
RGB Percent	42%, 97%, 60%
CMY	0.5843, 0.0314, 0.4000
CMYK	0.57, 0.00, 0.38, 0.03
HSL	140°, 90%, 69%
HSV	140°, 57%, 97%
XYZ	44.9544, 71.8856, 41.6430
YIQ	194.1250, -53.8620, -59.1260

# Conversions

## Conversions Part 2

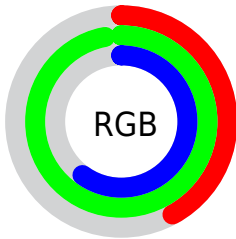
Format	Color
<a href="#">RYB</a>	<a href="#">106, 212, 247</a>
Decimal	<a href="#">7010201</a>
CIELab	<a href="#">87.91, -58.34, 33.99</a>
CIELCh	<a href="#">88, 67.515, 149.775</a>
Yxy	<a href="#">71.8856, 0.2837, 0.4536</a>
Android (android.graphics.Color)	<a href="#">4285200281 (0xFF6AF799)</a>
YUV	<a href="#">194.1250, -20.2746, -77.2856</a>
Hunter-Lab	<a href="#">84.7854, -53.7312, 30.2290</a>

# Details

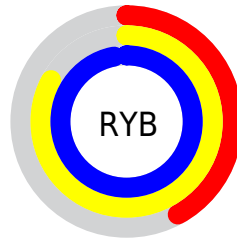
The Decimal color **7010201** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16214728**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **11010000**, and **2080357** is the 20% darker color. If you saturate the color by 10%, you get **5371785**, and if you desaturate by 10%, it is **8648617**.

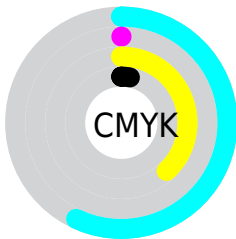
# Distribution



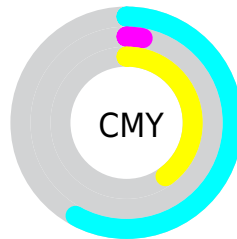
- Red (42%)
- Green (97%)
- Blue (60%)



- Red (42%)
- Yellow (83%)
- Blue (97%)



- Cyan (57%)
- Magenta (0%)
- Yellow (38%)
- Black (3%)



- Cyan (58%)
- Magenta (3%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7010201 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 7010201 by changing the saturation by 10% instead.



 7010201

 7010201

16777215

 4840063

 11010000

 2080357

 12976109

 41548

 14942207

 34612

 27675

 21249

 14848

 8960

 0

■ 7010201

■ 7010201

■ 5371785

■ 8648617

■ 3798904

■ 10221498

■ 2160488

■ 11859914

■ 522071

■ 13498331

■ 63314

■ 15071211

■ 16709628

■ 16775167

# Harmonies

## Analogous

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



12643175



7010201



64730

# Triad

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



7010201



5498111



16755616

# Complementary

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



7010201



16214728

# 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.



16753888



7010201



14601471

# Square

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



7010201



62719



16757503



16761198

# Rectangle

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



7010201



64767



16757503



16754613

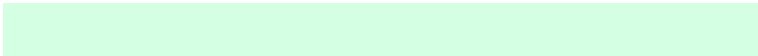


# Sweetspot

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



7010201



13959138



13170538



6717550



0



8421504



# Same Dimension

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



7010201



5242762



7010269



7240306



47678



15124



# Inverse Universe

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



16214728



16732100



16214658



8023670



12189820

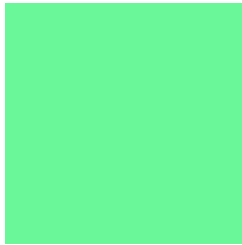


3866663



# Previews

## White Background



This preview shows how the Decimal color 7010201 looks on a white background.

## Color Contrast Check

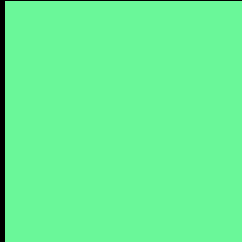
Large Text (above 18pt) WCAG AA × Fail

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 7010201 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 7010201 Background



This preview shows how black text looks on a background with the Decimal color 7010201.

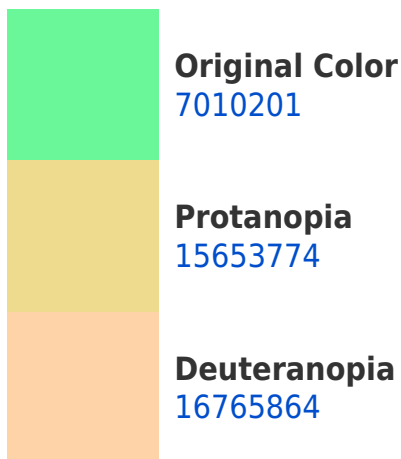



This preview shows how white text looks on a background with the Decimal color 7010201.

# 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



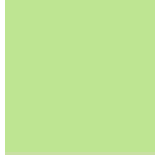


**Tritanopia**  
8842238

# Trichromacy



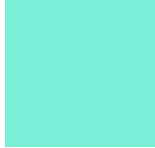
**Original Color**  
7010201



**Protanomaly**  
12510610



**Deuteranomaly**  
13230243



**Tritanomaly**  
8187865

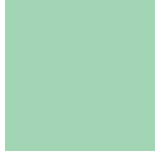
# Monochromacy



**Original Color**  
7010201



**Achromatopsia**  
12763842



**Achromatomaly**  
10671539

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7010201 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 #6AF799 looks like.

```
.text, #text, p{  
    color:#6AF799  
}
```

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 #6AF799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF799
}
```

## Border

The CSS property to change the border of an element to Decimal 7010201 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
#6AF799 }
```

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

```
.border{ border-color:#6AF799 }
```

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

Here you see how a box with a 4 pixel #6AF799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF799; -webkit-box-shadow:4px 4px  
4px 4px #6AF799; box-shadow:4px 4px 4px  
4px #6AF799 }
```

# Background

The CSS property to change the background color of an element to Decimal 7010201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF799 }
```

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

```
.background{ background-color:#6AF799 }
```

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