

# Converting Colors

Decimal(7468196)

Have a look what the booklet for  
Decimal(7468196) contains.

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# **Color**

**Decimal(7468196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71F4A4
RGB	113, 244, 164
RGB Percent	44%, 96%, 64%
CMY	0.5569, 0.0431, 0.3569
CMYK	0.54, 0.00, 0.33, 0.04
HSL	143°, 86%, 70%
HSV	143°, 54%, 96%
XYZ	45.8616, 70.8924, 46.3884
YIQ	195.7110, -52.3960, -52.6520

# Conversions

## Conversions Part 2

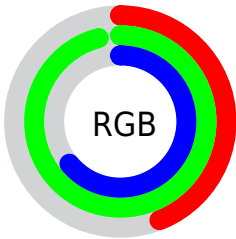
Format	Color
<b>RYB</b>	113, 207, 244
Decimal	7468196
CIELab	87.43, -53.66, 27.84
CIELCh	87, 60.454, 152.579
Yxy	70.8924, 0.2811, 0.4345
Android (android.graphics.Color)	4285658276 (0xFF71F4A4)
YUV	195.7110, -15.6335, -72.5375
Hunter-Lab	84.1976, -50.1188, 26.2727

# Details

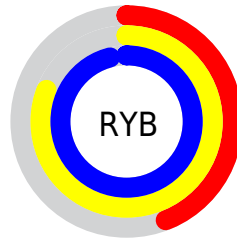
The Decimal color **7468196** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16019905**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **11403227**, and **3062640** is the 20% darker color. If you saturate the color by 10%, you get **5895317**, and if you desaturate by 10%, it is **9041075**.

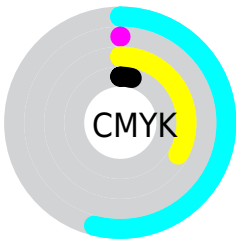
# Distribution



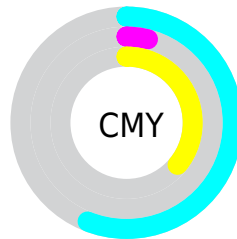
- Red (44%)
- Green (96%)
- Blue (64%)



- Red (44%)
- Yellow (81%)
- Blue (96%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



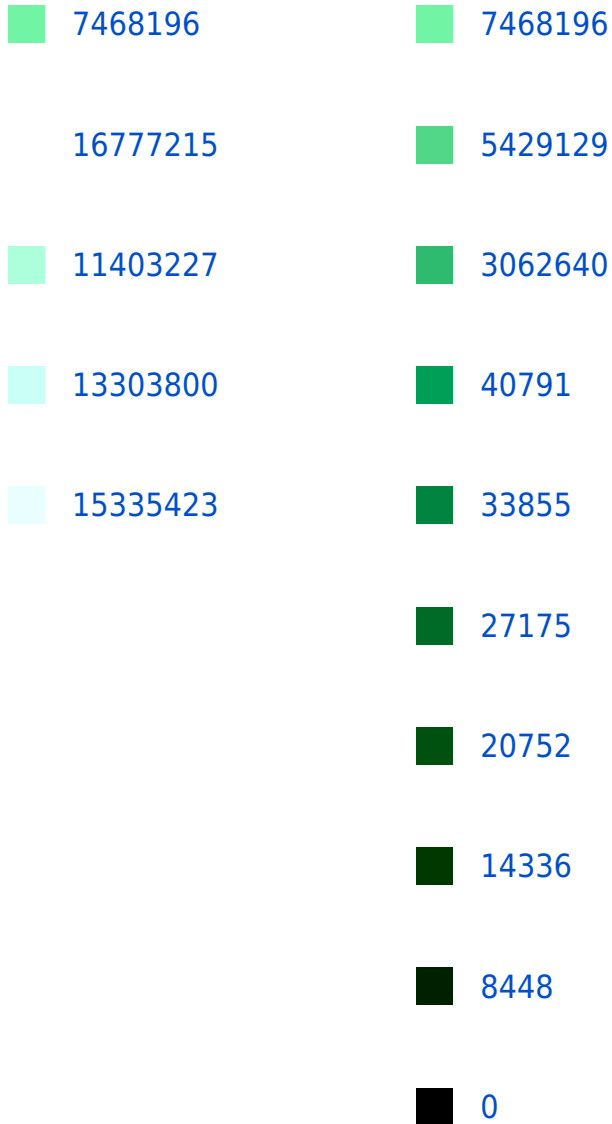
- Cyan (56%)
- Magenta (4%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7468196 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 7468196 by changing the saturation by 10% instead.





 7468196

 7468196

 5895317

 9041075

 4256902

 10679490

 2684023

 12252369

 1045608

 13890784

 62559

 15463663

 16774397

 16774399

# Harmonies

## Analogous

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



12446326



7468196



63710

# Triad

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



7468196



8380671



16757408

# Complementary

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



7468196



16019905

# 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.



16755672



7468196



15125247

# Square

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



7468196



61439



16758271



16762229

# Rectangle

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



7468196



63743



16758271



16756402

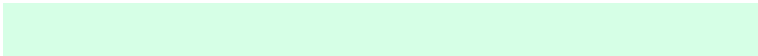


# Sweetspot

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



7468196



14090214



12776561



6783089



0



8421504



# Same Dimension

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



7468196



6094747



7468261



7240307



47688



15127



# Inverse Universe

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



16019905



16735423



16019840



8023670



12189810

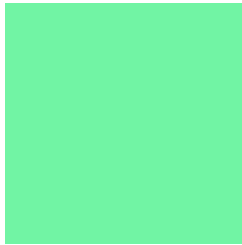


3866660



# Previews

## White Background



This preview shows how the Decimal color 7468196 looks on a white background.

## Color Contrast Check

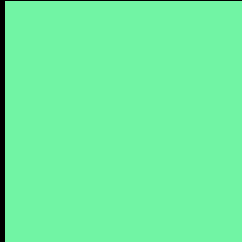
Large Text (above 18pt) WCAG AA × Fail

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 7468196 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 7468196 Background



This preview shows how black text looks on a background with the Decimal color 7468196.



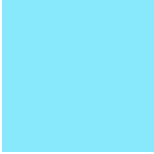
This preview shows how white text looks on a background with the Decimal color 7468196.

# 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





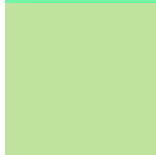
**Tritanopia**  
9038332

# Trichromacy



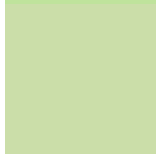
**Original Color**

7468196



**Protanomaly**

12575644



**Deuteranomaly**

13360809



**Tritanomaly**

8449500

# Monochromacy



**Original Color**

7468196



**Achromatopsia**

12895428



**Achromatomaly**

10933688

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7468196 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 #71F4A4 looks like.

```
.text, #text, p{  
    color:#71F4A4  
}
```

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 #71F4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F4A4
}
```

## Border

The CSS property to change the border of an element to Decimal 7468196 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
#71F4A4 }
```

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

```
.border{ border-color:#71F4A4 }
```

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

Here you see how a box with a 4 pixel #71F4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F4A4; -webkit-box-shadow:4px 4px  
4px 4px #71F4A4; box-shadow:4px 4px 4px  
4px #71F4A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7468196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F4A4 }
```

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

```
.background{ background-color:#71F4A4 }
```

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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