

Converting Colors

Decimal(7208704)

Have a look what the booklet for
Decimal(7208704) contains.

Decimal(7208704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(7208704)

Conversions

Conversions Part 1

Format	Color
Hex	6DFF00
RGB	109, 255, 0
RGB Percent	43%, 100%, 0%
CMY	0.5725, 0.0000, 1.0000
CMYK	0.57, 0.00, 1.00, 0.00
HSL	94°, 100%, 50%
HSV	94°, 100%, 100%
XYZ	42.0667, 74.7712, 12.2151
YIQ	182.2760, -5.1610, -110.2570

Conversions

Conversions Part 2

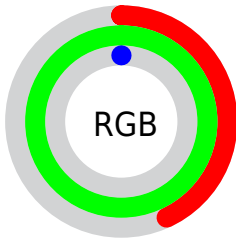
Format	Color
RYB	0, 255, 146
Decimal	7208704
CIELab	89.29, -72.78, 85.07
CIELCh	89, 111.952, 130.548
Yxy	74.7712, 0.3260, 0.5794
Android (android.graphics.Color)	4285398784 (0xFF6DFF00)
YUV	182.2760, -89.8621, -64.2631
Hunter-Lab	86.4703, -64.4852, 52.1537

Details

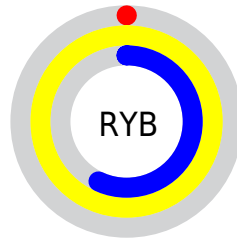
The Decimal color **7208704** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9568511**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **11468637**, and **967936** is the 20% darker color. If you saturate the color by 10%, you get **7208704**, and if you desaturate by 10%, it is **8191769**.

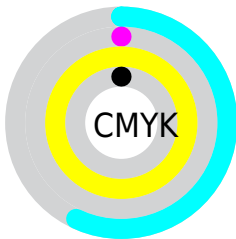
Distribution



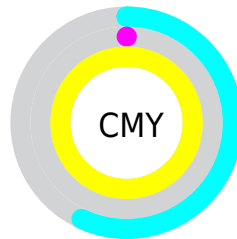
- Red (43%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (57%)



- Cyan (57%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7208704 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 7208704 by changing the saturation by 10% instead.

 7208704

 7208704

16777215

 4776448

 11468637

 967936

 13565820

 43264

 15597466

 36096

 16777144

 29184

 16777174

 22528

 16777204

 16128

 9728

 0

 7208704

 8191769

 9109299

 10092365

 11009894

 11992960

 12976025

 13893555

 14876620

 15794150

Harmonies

Analogous

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



15460352



7208704



65428

Triad

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



7208704



65535



16735168

Complementary

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



7208704



9568511

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.



16741375



7208704



57855

Square

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



7208704



65535



16756991



16747353

Rectangle

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



7208704



65503



16756991



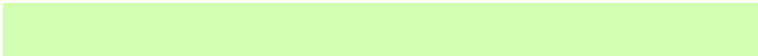
16734947

Sweetspot

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



7208704



13893555



16748800



6651986



0



8421504

Same Dimension

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



7208704



65297



7897203



5422848



1785856

Inverse Universe

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



9568511



16711918



8024960



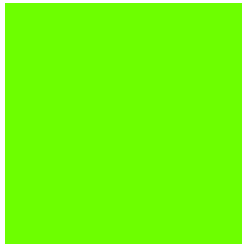
7209151



2424896

Previews

White Background



This preview shows how the Decimal color 7208704 looks on a white background.

Color Contrast Check

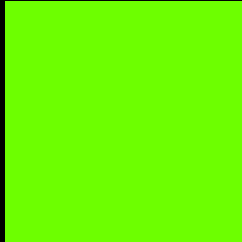
Large Text (above 18pt) WCAG AA × Fail

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 7208704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

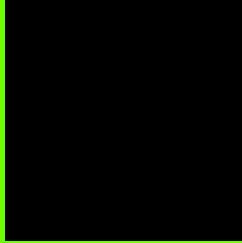
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

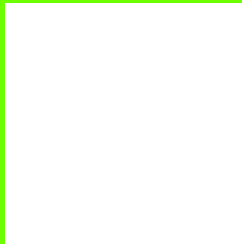
Any Text WCAG AAA ✓ Pass

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

Decimal 7208704 Background



This preview shows how black text looks on a background with the Decimal color 7208704.



This preview shows how white text looks on a background with the Decimal color 7208704.

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
7208704

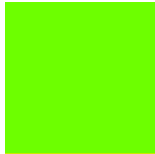
Protanopia
16506624

Deuteranopia
16767137



Tritanopia
10022399

Trichromacy



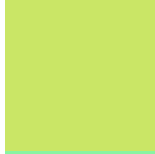
Original Color

7208704



Protanomaly

13101824



Deuteranomaly

13297254



Tritanomaly

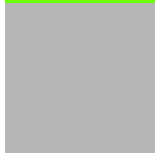
8975522

Monochromacy



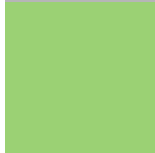
Original Color

7208704



Achromatopsia

11974326



Achromatomaly

10211700

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7208704 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 #6DFF00 looks like.

```
.text, #text, p{  
    color:#6DFF00  
}
```

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 #6DFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFF00
}
```

Border

The CSS property to change the border of an element to Decimal 7208704 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
#6DFF00 }
```

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

```
.border{ border-color:#6DFF00 }
```

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

Here you see how a box with a 4 pixel #6DFF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFF00; -webkit-box-shadow:4px 4px  
4px 4px #6DFF00; box-shadow:4px 4px 4px  
4px #6DFF00 }
```

Background

The CSS property to change the background color of an element to Decimal 7208704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFF00 }
```

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

```
.background{ background-color:#6DFF00 }
```

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