

Converting Colors

Decimal(7003648)

Have a look what the booklet for
Decimal(7003648) contains.

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Color

Decimal(7003648)

Conversions

Conversions Part 1

Format	Color
Hex	6ADE00
RGB	106, 222, 0
RGB Percent	42%, 87%, 0%
CMY	0.5843, 0.1294, 1.0000
CMYK	0.52, 0.00, 1.00, 0.13
HSL	91°, 100%, 44%
HSV	91°, 100%, 87%
XYZ	32.0651, 55.3067, 8.9853
YIQ	162.0080, 2.1260, -93.6340

Conversions

Conversions Part 2

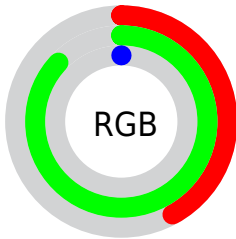
Format	Color
RYB	0, 222, 116
Decimal	7003648
CIELab	79.22, -62.35, 77.09
CIELCh	79, 99.152, 128.964
Yxy	55.3067, 0.3328, 0.5740
Android (android.graphics.Color)	4285193728 (0xFF6ADE00)
YUV	162.0080, -79.8699, -49.1190
Hunter-Lab	74.3685, -53.1818, 44.8945

Details

The Decimal color **7003648** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7602398**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11075414**, and **2074112** is the 20% darker color. If you saturate the color by 10%, you get **7003648**, and if you desaturate by 10%, it is **7790102**.

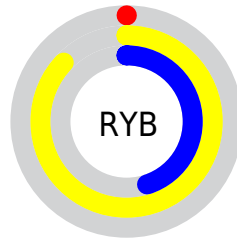
Distribution



Red (42%)

Green (87%)

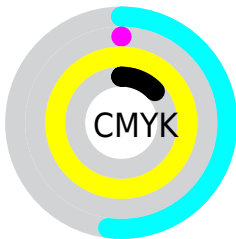
Blue (0%)



Red (0%)

Yellow (87%)

Blue (45%)

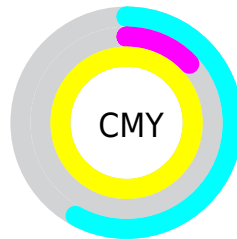


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (58%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7003648 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 7003648 by changing the saturation by 10% instead.

 7003648

 7003648

16777215

 4833792

 11075414

 2074112

 13041524

 35584

 15073169

 28672

 16777134

 22016

 16777164

 15872

 16777193

 9728

 0

 7003648

 7790102

 8511020

 9297475

 10018393

 10804847

 11591301

 12312219

 13098674

 13819592

Harmonies

Analogous

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



13879552



7003648



59773

Triad

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



7003648



57599



16733357

Complementary

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



7003648



7602398

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.



16739071



7003648



51199

Square

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



7003648



60415



15179263



16742740

Rectangle

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



7003648



60606



15179263



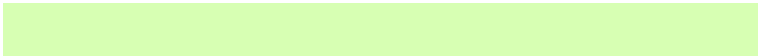
16733388

Sweetspot

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



7003648



14155699



14578432



6848594



0



8421504

Same Dimension

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



7003648



8060672



56836



6975589



5550080



1519616

Inverse Universe

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



7602398



8716543



14549210



7038320



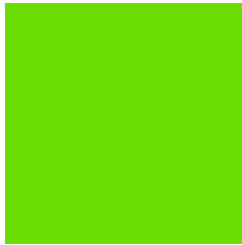
6029488



1638448

Previews

White Background



This preview shows how the Decimal color 7003648 looks on a white background.

Color Contrast Check

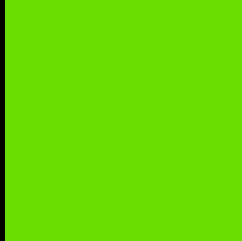
Large Text (above 18pt) WCAG AA × Fail

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 7003648 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 7003648 Background



This preview shows how black text looks on a background with the Decimal color 7003648.



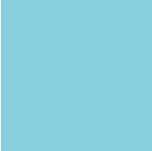
This preview shows how white text looks on a background with the Decimal color 7003648.

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
9031391

Trichromacy



Original Color
7003648



Protanomaly
11783424



Deuteranomaly
12764701



Tritanomaly
8311950

Monochromacy



Original Color
7003648



Achromatopsia
10658466



Achromatomaly
9353319

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7003648 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 #6ADE00 looks like.

```
.text, #text, p{  
    color:#6ADE00  
}
```

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 #6ADE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ADE00
}
```

Border

The CSS property to change the border of an element to Decimal 7003648 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
#6ADE00 }
```

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

```
.border{ border-color:#6ADE00 }
```

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

Here you see how a box with a 4 pixel #6ADE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ADE00; -webkit-box-shadow:4px 4px  
4px 4px #6ADE00; box-shadow:4px 4px 4px  
4px #6ADE00 }
```

Background

The CSS property to change the background color of an element to Decimal 7003648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ADE00 }
```

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

```
.background{ background-color:#6ADE00 }
```

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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