

Converting Colors

Decimal(6872320)

Have a look what the booklet for
Decimal(6872320) contains.

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Color

Decimal(6872320)

Conversions

Conversions Part 1

Format	Color
Hex	68DD00
RGB	104, 221, 0
RGB Percent	41%, 87%, 0%
CMY	0.5922, 0.1333, 1.0000
CMYK	0.53, 0.00, 1.00, 0.13
HSL	92°, 100%, 43%
HSV	92°, 100%, 87%
XYZ	31.5654, 54.6560, 8.8860
YIQ	160.8230, 1.2090, -93.5350

Conversions

Conversions Part 2

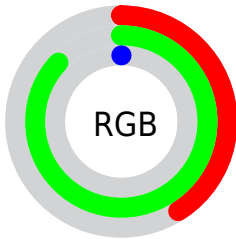
Format	Color
RYB	0, 221, 117
Decimal	6872320
CIELab	78.84, -62.55, 76.77
CIELCh	79, 99.027, 129.173
Yxy	54.6560, 0.3319, 0.5747
Android (android.graphics.Color)	4285062400 (0xFF68DD00)
YUV	160.8230, -79.2857, -49.8338
Hunter-Lab	73.9297, -53.1637, 44.6244

Details

The Decimal color **6872320** 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 **7667933**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **10944342**, and **1811712** is the 20% darker color. If you saturate the color by 10%, you get **6872320**, and if you desaturate by 10%, it is **7658774**.

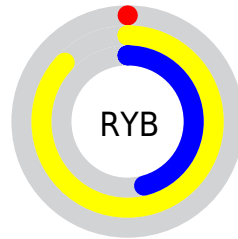
Distribution



Red (41%)

Green (87%)

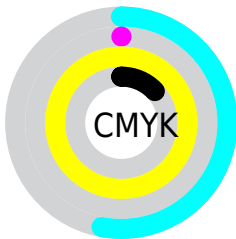
Blue (0%)



Red (0%)

Yellow (87%)

Blue (46%)

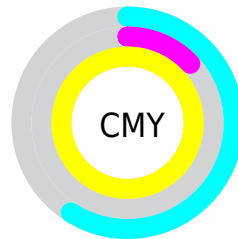


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (59%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6872320 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 6872320 by changing the saturation by 10% instead.

 6872320

 6872320

16777215

 4702464

 10944342

 1811712

 12910452

 35328

 14942097

 28416

 16777134

 21760

 16777163

 15616

 16777193

 9472

 0

 6872320

 7658774

 8379692

 9166146

 9952600

 10739055

 11459973

 12246427

 13032881

 13753799

Harmonies

Analogous

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



13748224



6872320



59517

Triad

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



6872320



57343



16733099

Complementary

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



6872320



7667933

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.



16738815



6872320



50943

Square

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



6872320



60159



15179007



16742482

Rectangle

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



6872320



60350



15179007



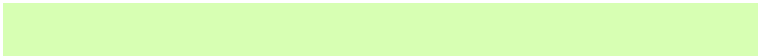
16733130

Sweetspot

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



6872320



14155699



14512640



6783058



0



8421504

Same Dimension

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



6872320



7929600



56580



6844003



5418240



1453568

Inverse Universe

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



7667933



8847615



14483673



6841198



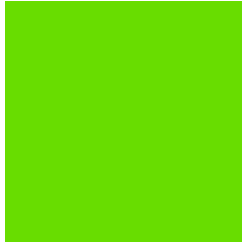
6029485



1572910

Previews

White Background



This preview shows how the Decimal color 6872320 looks on a white background.

Color Contrast Check

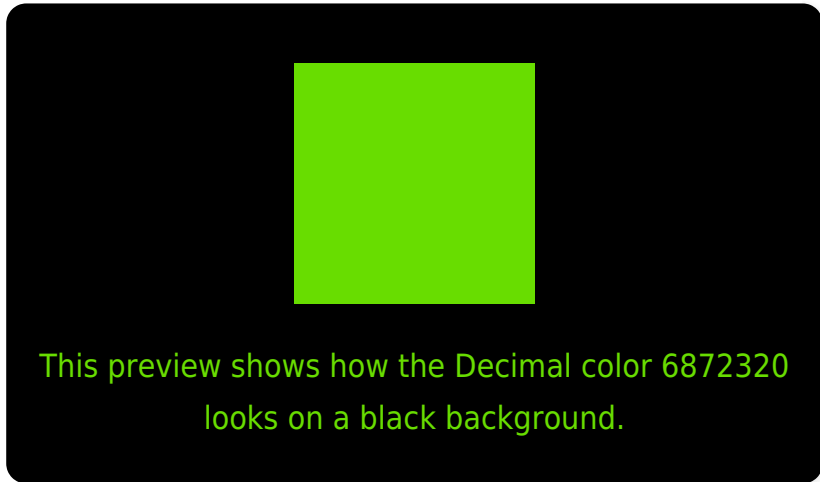
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

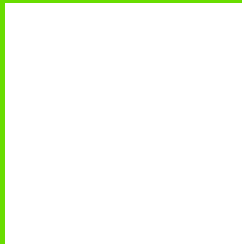
Any Text WCAG AAA ✓ Pass

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

Decimal 6872320 Background



This preview shows how black text looks on a background with the Decimal color 6872320.



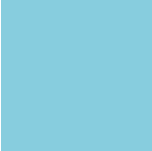
This preview shows how white text looks on a background with the Decimal color 6872320.

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
8900062

Trichromacy



Original Color
6872320



Protanomaly
11652096



Deuteranomaly
12698909



Tritanomaly
8180621

Monochromacy



Original Color
6872320



Achromatopsia
10592673



Achromatomaly
9221990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6872320 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 #68DD00 looks like.

```
.text, #text, p{  
    color:#68DD00  
}
```

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 #68DD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68DD00
}
```

Border

The CSS property to change the border of an element to Decimal 6872320 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".

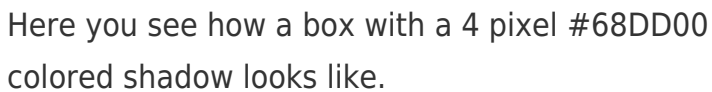
```
.border, #border, table{ border:4px solid
#68DD00 }
```

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

```
.border{ border-color:#68DD00 }
```

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

Here you see how a box with a 4 pixel #68DD00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68DD00; -webkit-box-shadow:4px 4px  
4px 4px #68DD00; box-shadow:4px 4px 4px  
4px #68DD00 }
```

Background

The CSS property to change the background color of an element to Decimal 6872320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68DD00 }
```

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

```
.background{ background-color:#68DD00 }
```

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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