

Converting Colors

Decimal(6937622)

Have a look what the booklet for
Decimal(6937622) contains.

Decimal(6937622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6937622)

Conversions

Conversions Part 1

Format	Color
Hex	69DC16
RGB	105, 220, 22
RGB Percent	41%, 86%, 9%
CMY	0.5882, 0.1373, 0.9137
CMYK	0.52, 0.00, 0.90, 0.14
HSL	95°, 82%, 47%
HSV	95°, 90%, 86%
XYZ	31.5637, 54.2476, 9.5663
YIQ	163.0430, -4.9820, -85.9580

Conversions

Conversions Part 2

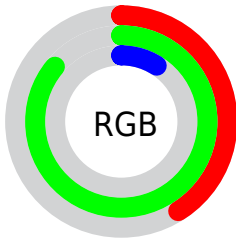
Format	Color
R _Y B	22, 220, 137
Decimal	6937622
CIE Lab	78.61, -61.54, 74.20
CIE LCh	79, 96.399, 129.669
Yxy	54.2476, 0.3309, 0.5688
Android (android.graphics.Color)	4285127702 (0xFF69DC16)
YUV	163.0430, -69.5342, -50.9037
Hunter-Lab	73.6530, -52.3971, 43.8563

Details

The Decimal color **6937622** 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 **8984284**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **10944348**, and **2073600** is the 20% darker color. If you saturate the color by 10%, you get **6085632**, and if you desaturate by 10%, it is **7789612**.

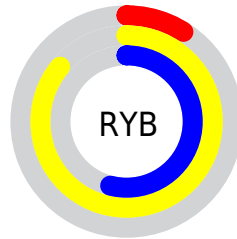
Distribution



Red (41%)

Green (86%)

Blue (9%)



Red (9%)

Yellow (86%)

Blue (54%)

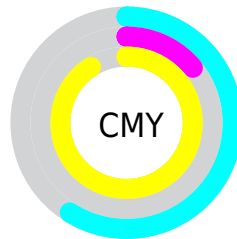


Cyan (52%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (59%)

Magenta (14%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6937622 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 6937622 by changing the saturation by 10% instead.



6937622



6937622

16777215



4767744



10944348



2073600



12975993



35072



14942102



28160



16777139



21760



16777169



15360



16777198



9216



0



6937622



6937622

6085632

7789612

8641602

9428056

10280046

11132036

11984026

12770480

13622470

14474460

Harmonies

Analogous

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



13617152



6937622



59008

Triad

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



6937622



56831



16734634

Complementary

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



6937622



8984284

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.



16739583



6937622



50431

Square

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



6937622



59647



15244543



16743251

Rectangle

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



6937622



60095



15244543



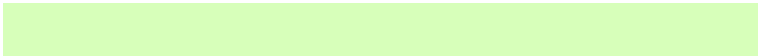
16734408

Sweetspot

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



6937622



14155706



14452246



6848599



0



8421504

Same Dimension

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



6937622



7077632



1498147



6778467



4828416



1256960

Inverse Universe

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



8984284



9699583



14423759



6906734



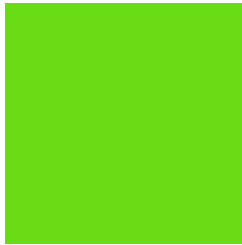
6619309



1769518

Previews

White Background



This preview shows how the Decimal color 6937622 looks on a white background.

Color Contrast Check

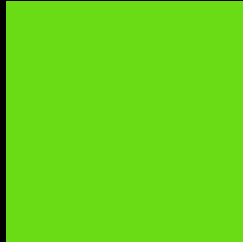
Large Text (above 18pt) WCAG AA × Fail

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 6937622 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 6937622 Background



This preview shows how black text looks on a background with the Decimal color 6937622.

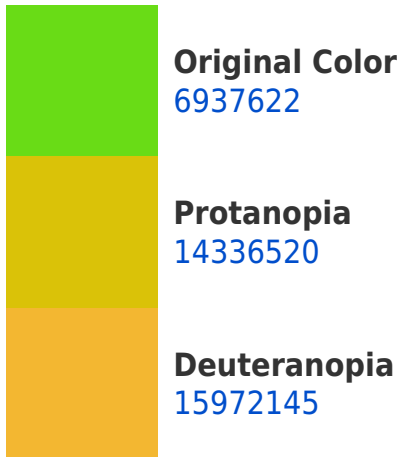


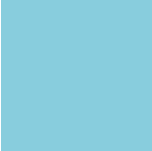
This preview shows how white text looks on a background with the Decimal color 6937622.

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
8965597

Trichromacy



Original Color
6937622



Protanomaly
11651853



Deuteranomaly
12698663



Tritanomaly
8245909

Monochromacy



Original Color
6937622



Achromatopsia
10724259



Achromatomaly
9353328

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6937622 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 #69DC16 looks like.

```
.text, #text, p{  
    color:#69DC16  
}
```

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 #69DC16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69DC16
}
```

Border

The CSS property to change the border of an element to Decimal 6937622 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
#69DC16 }
```

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

```
.border{ border-color:#69DC16 }
```

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

Here you see how a box with a 4 pixel #69DC16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69DC16; -webkit-box-shadow:4px 4px  
4px 4px #69DC16; box-shadow:4px 4px 4px  
4px #69DC16 }
```

Background

The CSS property to change the background color of an element to Decimal 6937622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69DC16 }
```

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

```
.background{ background-color:#69DC16 }
```

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