

Converting Colors

Decimal(6737001)

Have a look what the booklet for
Decimal(6737001) contains.

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Color

Decimal(6737001)

Conversions

Conversions Part 1

Format	Color
Hex	66CC69
RGB	102, 204, 105
RGB Percent	40%, 80%, 41%
CMY	0.6000, 0.2000, 0.5882
CMYK	0.50, 0.00, 0.49, 0.20
HSL	122°, 50%, 60%
HSV	122°, 50%, 80%
XYZ	29.6222, 47.0304, 20.8811
YIQ	162.2160, -29.0130, -52.4130

Conversions

Conversions Part 2

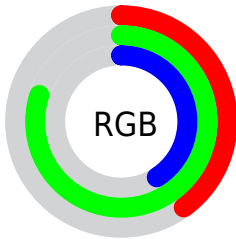
Format	Color
RYB	102, 201, 204
Decimal	6737001
CIELab	74.21, -49.84, 40.20
CIELCh	74, 64.027, 141.110
Yxy	47.0304, 0.3037, 0.4822
Android (android.graphics.Color)	4284927081 (0xFF66CC69)
YUV	162.2160, -28.2075, -52.8094
Hunter-Lab	68.5787, -42.9108, 29.9523

Details

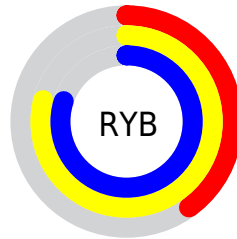
The Decimal color **6737001** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **13395657**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **10485662**, and **2659639** is the 20% darker color. If you saturate the color by 10%, you get **5426261**, and if you desaturate by 10%, it is **8047741**.

Distribution



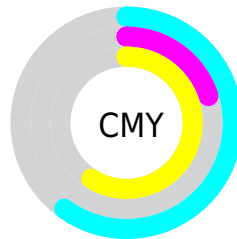
- Red (40%)
- Green (80%)
- Blue (41%)



- Red (40%)
- Yellow (79%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6737001 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 6737001 by changing the saturation by 10% instead.



6737001



6737001

16777215



4829264



10485662



2659639



12386233



31261



14286805



24832



16252914



18432



12544



5888



0



6737001



6737001

■ 5426261

■ 8047741

■ 4049985

■ 9424017

■ 2739246

■ 10734756

■ 1362970

■ 12111032

■ 52230

■ 13421772

■ 14732512

■ 16108788

■ 16764159

Harmonies

Analogous

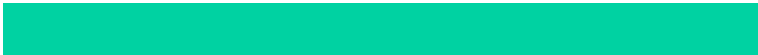
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11452480



6737001



53922

Triad

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



6737001



49919



16745615

Complementary

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



6737001



13395657

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.



16745419



6737001



10137343

Square

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



6737001



52991



15570431



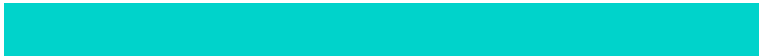
16750172

Rectangle

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



6737001



54219



15570431



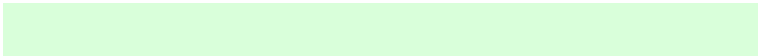
16744867

Sweetspot

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



6737001



14286810



13290598



6914153



0



8421504

Same Dimension

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



6737001



6750058



6737051



6055516



42501



9729

Inverse Universe

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



13395657



16738043



13395607



6708326



10879137



2490405

Previews

White Background



This preview shows how the Decimal color 6737001 looks on a white background.

Color Contrast Check

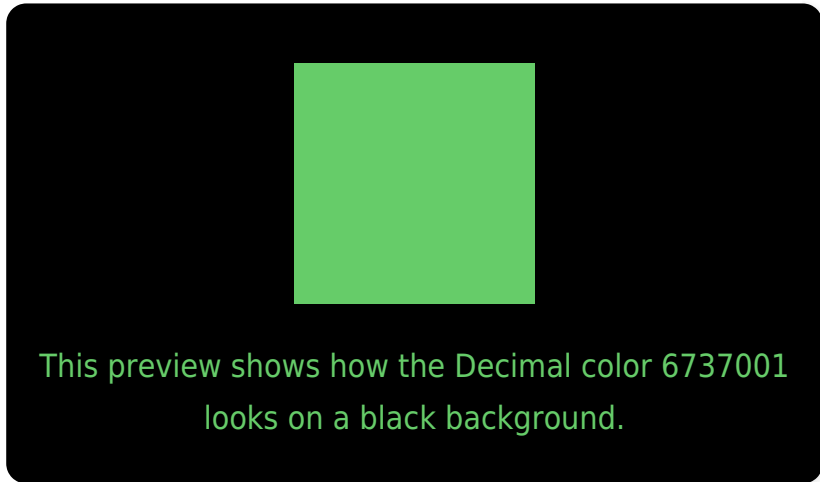
Large Text (above 18pt) WCAG AA × Fail

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 6737001 Background



This preview shows how black text looks on a background with the Decimal color 6737001.

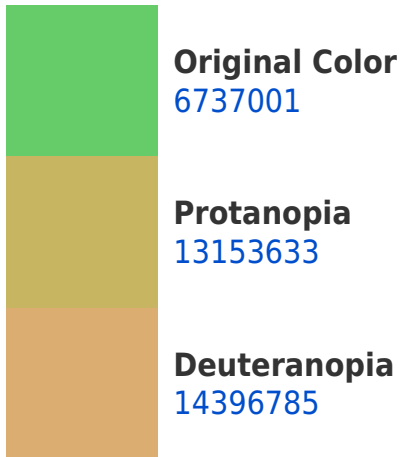


This preview shows how white text looks on a background with the Decimal color 6737001.

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](#).

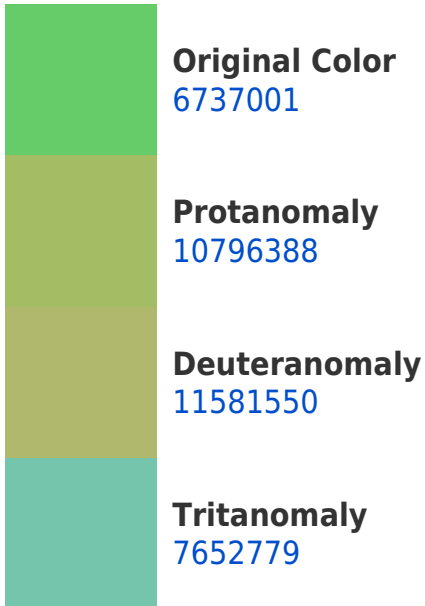
Dichromacy



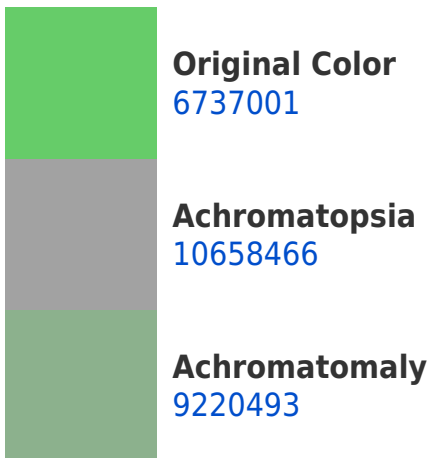


Tritanopia
8176080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6737001 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 #66CC69 looks like.

```
.text, #text, p{  
    color:#66CC69  
}
```

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 #66CC69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CC69
}
```

Border

The CSS property to change the border of an element to Decimal 6737001 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
#66CC69 }
```

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

```
.border{ border-color:#66CC69 }
```

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

Here you see how a box with a 4 pixel #66CC69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CC69; -webkit-box-shadow:4px 4px  
4px 4px #66CC69; box-shadow:4px 4px 4px  
4px #66CC69 }
```

Background

The CSS property to change the background color of an element to Decimal 6737001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CC69 }
```

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

```
.background{ background-color:#66CC69 }
```

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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