

Converting Colors

Decimal(6712370)

Have a look what the booklet for
Decimal(6712370) contains.

Decimal(6712370)	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(6712370)

Conversions

Conversions Part 1

Format	Color
Hex	666C32
RGB	102, 108, 50
RGB Percent	40%, 42%, 20%
CMY	0.6000, 0.5765, 0.8039
CMYK	0.06, 0.00, 0.54, 0.58
HSL	66°, 37%, 31%
HSV	66°, 54%, 42%
XYZ	11.4178, 13.7802, 5.0757
YIQ	99.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

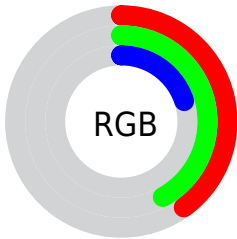
Format	Color
RYB	50, 108, 56
Decimal	6712370
CIELab	43.92, -11.55, 31.32
CIELCh	44, 33.386, 110.240
Yxy	13.7802, 0.3772, 0.4552
Android (android.graphics.Color)	4284902450 (0xFF666C32)
YUV	99.5940, -24.4498, 2.1101
Hunter-Lab	37.1217, -10.0605, 17.8784

Details

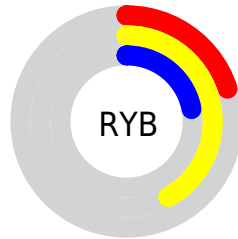
The Decimal color **6712370** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3682924**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10133346**, and **3489027** is the 20% darker color. If you saturate the color by 10%, you get **6646823**, and if you desaturate by 10%, it is **6777917**.

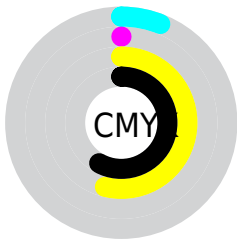
Distribution



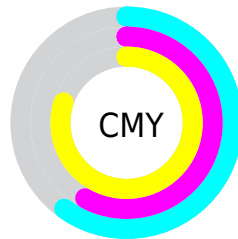
- Red (40%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (42%)
- Blue (22%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6712370 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 6712370 by changing the saturation by 10% instead.

6712370

6712370

16777215

5067803

10133346

3489027

11975292

2041600

13817494

5120

15659697

0

16777164

16777193

6712370

6712370

6646823

6777917

■ 6581276

■ 6843464

■ 6515730

■ 6909010

■ 6450183

■ 6974557

■ 6384640

■ 7105640

■ 7171187

■ 7236734

■ 7302280

■ 7367827

Harmonies

Analogous

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



8414000



6712370



4616771

Triad

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



6712370



29586



9917042

Complementary

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



6712370



3682924

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.



8477068



6712370



2059678

Square

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



6712370



30330



6055068



10244694

Rectangle

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



6712370



2782548



6055068



9524347

Sweetspot

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



6712370



9079926



7092274



4605754



13092807



4671303

Same Dimension

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



6712370



8621106



4811826



3487280



6911232



14415104

Inverse Universe

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



3682924



3945100



5583468



3223606



786549



1638645

Previews

White Background



This preview shows how the Decimal color 6712370 looks on a white background.

Color Contrast Check

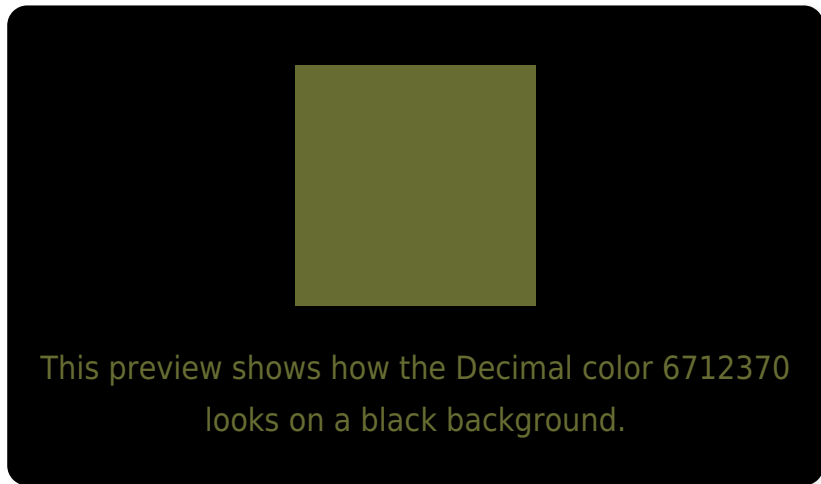
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

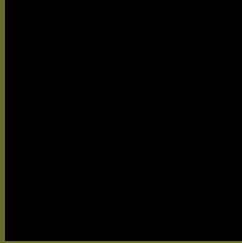
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

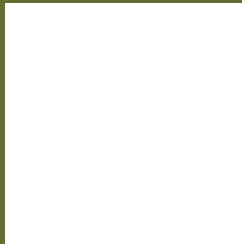
Any Text WCAG AAA × Fail

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

Decimal 6712370 Background



This preview shows how black text looks on a background with the Decimal color 6712370.



This preview shows how white text looks on a background with the Decimal color 6712370.

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
6712370

Protanopia
7563313

Deuteranopia
8414004



Tritanopia
7104110

Trichromacy



Original Color
6712370

Protanomaly
7235889

Deuteranomaly
7824947

Tritanomaly
6973528

Monochromacy



Original Color
6712370

Achromatopsia
6579300

Achromatomaly
6645586

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6712370 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 #666C32 looks like.

```
.text, #text, p{  
    color:#666C32  
}
```

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 #666C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666C32
}
```

Border

The CSS property to change the border of an element to Decimal 6712370 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
#666C32 }
```

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

```
.border{ border-color:#666C32 }
```

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

Here you see how a box with a 4 pixel #666C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666C32; -webkit-box-shadow:4px 4px  
4px 4px #666C32; box-shadow:4px 4px 4px  
4px #666C32 }
```

Background

The CSS property to change the background color of an element to Decimal 6712370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666C32 }
```

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

```
.background{ background-color:#666C32 }
```

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