

Converting Colors

Decimal(6472971)

Have a look what the booklet for
Decimal(6472971) contains.

Decimal(6472971)	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(6472971)

Conversions

Conversions Part 1

Format	Color
Hex	62C50B
RGB	98, 197, 11
RGB Percent	38%, 77%, 4%
CMY	0.6157, 0.2275, 0.9569
CMYK	0.50, 0.00, 0.94, 0.23
HSL	92°, 89%, 41%
HSV	92°, 94%, 77%
XYZ	25.0637, 42.5533, 7.2092
YIQ	146.1950, 0.7020, -78.8340

Conversions

Conversions Part 2

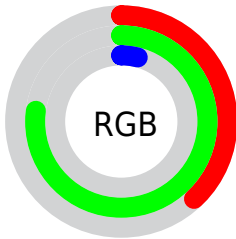
Format	Color
RYB	11, 197, 110
Decimal	6472971
CIELab	71.25, -55.45, 69.52
CIELCh	71, 88.927, 128.576
Yxy	42.5533, 0.3350, 0.5687
Android (android.graphics.Color)	4284663051 (0xFF62C50B)
YUV	146.1950, -66.6511, -42.2670
Hunter-Lab	65.2329, -45.5747, 39.1106

Details

The Decimal color **6472971** 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 **7211973**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **10419796**, and **1805824** is the 20% darker color. If you saturate the color by 10%, you get **6079744**, and if you desaturate by 10%, it is **7128351**.

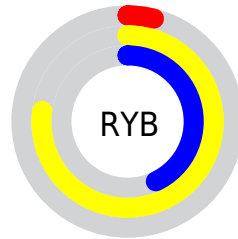
Distribution



Red (38%)

Green (77%)

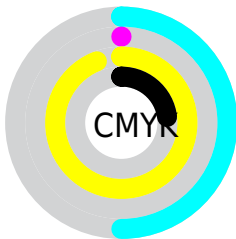
Blue (4%)



Red (4%)

Yellow (77%)

Blue (43%)

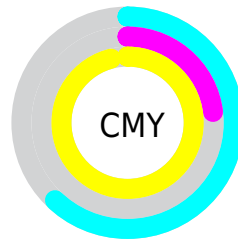


Cyan (50%)

Magenta (0%)

Yellow (94%)

Black (23%)



Cyan (62%)

Magenta (23%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6472971 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 6472971 by changing the saturation by 10% instead.

 6472971

 6472971

16777215

 4368640

 10419796

 1805824

 12320625

 29696

 14286733

 23040

 16318377

 16640

 16777158

 11008

 16777188

 2304

 0

 6472971

 6472971

■ 6079744

■ 7128351

■ 7849266

■ 8504646

■ 9225562

■ 9880942

■ 10601857

■ 11257237

■ 11978153

■ 12633532

Harmonies

Analogous

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



12431872



6472971



53103

Triad

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



6472971



51199



16731803

Complementary

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



6472971



7211973

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.



16737003



6472971



45567

Square

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



6472971



53759



13405695



16739405

Rectangle

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



6472971



53928



13405695



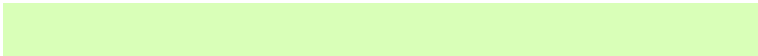
16732086

Sweetspot

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



6472971



14286776



12937995



6848596



0



8421504

Same Dimension

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



6472971



7864064



771342



6185818



5022464



1123328

Inverse Universe

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



7211973



8913151



12913602



6249059



5701795



1245220

Previews

White Background



This preview shows how the Decimal color 6472971 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 6472971 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 6472971 Background



This preview shows how black text looks on a background with the Decimal color 6472971.



This preview shows how white text looks on a background with the Decimal color 6472971.

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
6472971

Protanopia
12889600

Deuteranopia
14328873



Tritanopia
8173510

Trichromacy



Original Color
6472971



Protanomaly
10532356



Deuteranomaly
11448350



Tritanomaly
7584898

Monochromacy



Original Color
6472971



Achromatopsia
9605778



Achromatomaly
8496481

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6472971 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 #62C50B looks like.

```
.text, #text, p{  
    color:#62C50B  
}
```

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 #62C50B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C50B
}
```

Border

The CSS property to change the border of an element to Decimal 6472971 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
#62C50B }
```

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

```
.border{ border-color:#62C50B }
```

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

Here you see how a box with a 4 pixel #62C50B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C50B; -webkit-box-shadow:4px 4px  
4px 4px #62C50B; box-shadow:4px 4px 4px  
4px #62C50B }
```

Background

The CSS property to change the background color of an element to Decimal 6472971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C50B }
```

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

```
.background{ background-color:#62C50B }
```

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