

Converting Colors

Decimal(7451491)

Have a look what the booklet for
Decimal(7451491) contains.

Decimal(7451491)	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(7451491)

Conversions

Conversions Part 1

Format	Color
Hex	71B363
RGB	113, 179, 99
RGB Percent	44%, 70%, 39%
CMY	0.5569, 0.2980, 0.6118
CMYK	0.37, 0.00, 0.45, 0.30
HSL	110°, 34%, 55%
HSV	110°, 45%, 70%
XYZ	25.1823, 36.6518, 17.5516
YIQ	150.1460, -13.6560, -38.8720

Conversions

Conversions Part 2

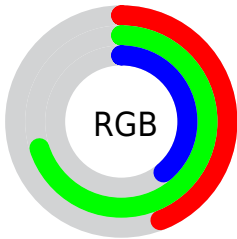
Format	Color
RYB	99, 179, 165
Decimal	7451491
CIELab	67.01, -36.69, 34.28
CIELCh	67, 50.212, 136.941
Yxy	36.6518, 0.3172, 0.4617
Android (android.graphics.Color)	4285641571 (0xFF71B363)
YUV	150.1460, -25.2150, -32.5770
Hunter-Lab	60.5407, -31.6980, 25.1895

Details

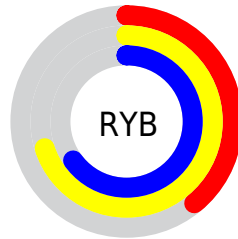
The Decimal color **7451491** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **10838963**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **11070359**, and **3964466** is the 20% darker color. If you saturate the color by 10%, you get **6468433**, and if you desaturate by 10%, it is **8434549**.

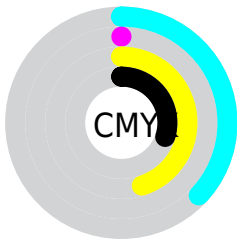
Distribution



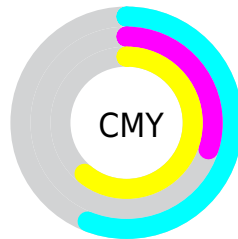
- Red (44%)
- Green (70%)
- Blue (39%)



- Red (39%)
- Yellow (70%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7451491 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 7451491 by changing the saturation by 10% instead.

 7451491

 7451491

16777215

 5675082

 11070359

 3964466

 12910514

 2122778

 14745550

 19456

 16711658

 13312

 8192

 0

 7451491

 7451491

 6468433

 8434549

■ 5485375

■ 9417607

■ 4567853

■ 10335129

■ 3584795

■ 11318187

■ 2601738

■ 12301244

■ 2077440

■ 13284302

■ 14201824

■ 15184882

■ 16167935

Harmonies

Analogous

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



10856777



7451491



1423757

Triad

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



7451491



44795



16285323

Complementary

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



7451491



10838963

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.



15564729



7451491



8757242

Square

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



7451491



47076



13077985



15501667

Rectangle

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



7451491



47789



13077985



16219290

Sweetspot

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



7451491



13625546



11773027



6714723



16119285



7697781

Same Dimension

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



7451491



8513643



6534012



5396816



1808640



268800

Inverse Universe

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



10838963



13790184



11756442



5787737



8257689



1376282

Previews

White Background



This preview shows how the Decimal color 7451491 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 7451491 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 7451491 Background



This preview shows how black text looks on a background with the Decimal color 7451491.

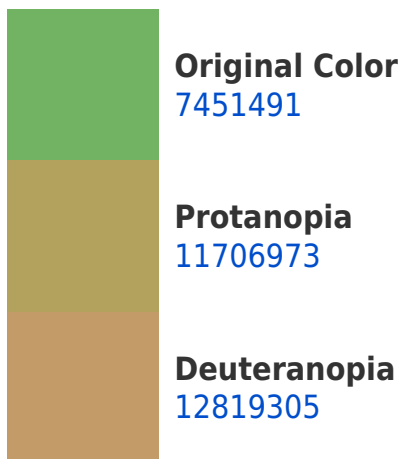


This preview shows how white text looks on a background with the Decimal color 7451491.

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](#).

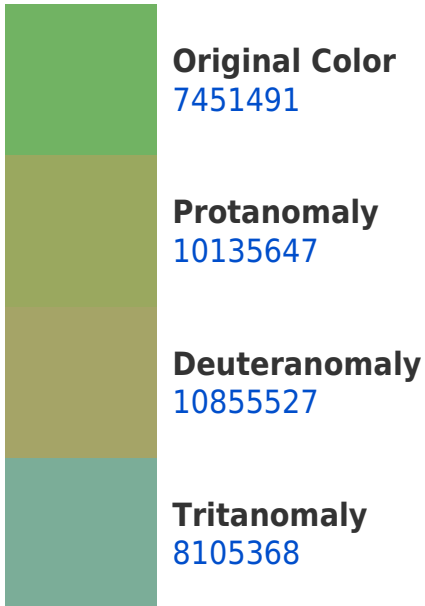
Dichromacy





Tritanopia
8432055

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7451491 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 #71B363 looks like.

```
.text, #text, p{  
    color:#71B363  
}
```

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 #71B363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B363
}
```

Border

The CSS property to change the border of an element to Decimal 7451491 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
#71B363 }
```

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

```
.border{ border-color:#71B363 }
```

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

Here you see how a box with a 4 pixel #71B363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B363; -webkit-box-shadow:4px 4px  
4px 4px #71B363; box-shadow:4px 4px 4px  
4px #71B363 }
```

Background

The CSS property to change the background color of an element to Decimal 7451491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B363 }
```

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

```
.background{ background-color:#71B363 }
```

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