

Converting Colors

Decimal(6370148)

Have a look what the booklet for
Decimal(6370148) contains.

Decimal(6370148)	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(6370148)

Conversions

Conversions Part 1

Format	Color
Hex	613364
RGB	97, 51, 100
RGB Percent	38%, 20%, 39%
CMY	0.6196, 0.8000, 0.6078
CMYK	0.03, 0.49, 0.00, 0.61
HSL	296°, 32%, 30%
HSV	296°, 49%, 39%
XYZ	8.4138, 5.8291, 12.7383
YIQ	70.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

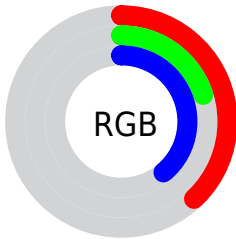
Format	Color
R_{YB}	97, 51, 100
Decimal	6370148
CIE _{Lab}	28.98, 28.97, -20.27
CIE _{LCh}	29, 35.357, 325.020
Yxy	5.8291, 0.3118, 0.2160
Android (android.graphics.Color)	4284560228 (0xFF613364)
YUV	70.3400, 14.6224, 23.3808
Hunter-Lab	24.1436, 19.9544, -14.3811

Details

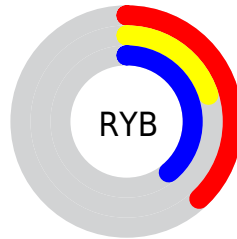
The Decimal color **6370148** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3564595**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9790359**, and **3212597** is the 20% darker color. If you saturate the color by 10%, you get **6302052**, and if you desaturate by 10%, it is **6438244**.

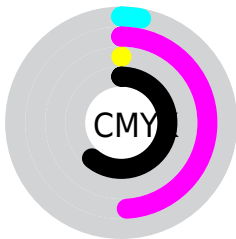
Distribution



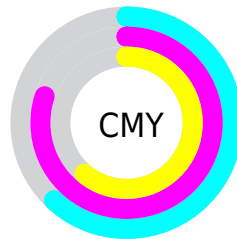
- Red (38%)
- Green (20%)
- Blue (39%)



- Red (38%)
- Yellow (20%)
- Blue (39%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (61%)



- Cyan (62%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6370148 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 6370148 by changing the saturation by 10% instead.

6370148

6370148

16777215

4725836

9790359

3212597

11566514

1966112

13408205

3

15250154

0

16764671

16771839

6370148

6370148

6302052

6438244

6299492

6440804

6231396

6508900

6228836

6511460

6160740

6579556

6160484

6647652

6650212

6718308

6786404

Harmonies

Analogous

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



3948406



6370148



7547722

Triad

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



6370148



5652743



20827

Complementary

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



6370148



3564595

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.



20799



6370148



3951117

Square

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



6370148



6960919



1462051



20337

Rectangle

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



6370148



7744312



1462051



20818

Sweetspot

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



6370148



8482690



3356260



4339266



12763842



4342338

Same Dimension

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



6370148



8205698



6566735



3354163



7078003



14876914

Inverse Universe

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



6566710



8533306



3368008



3354158



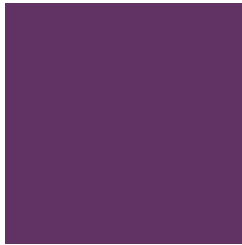
7536647



15859727

Previews

White Background



This preview shows how the Decimal color 6370148 looks on a white background.

Color Contrast Check

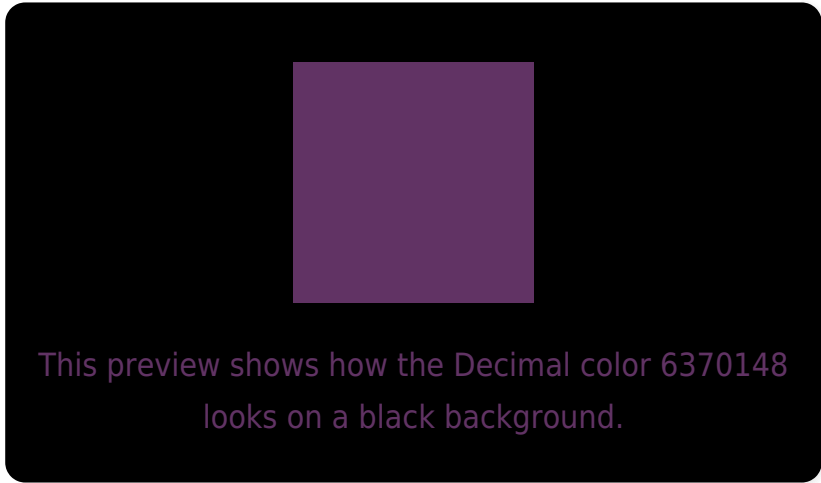
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

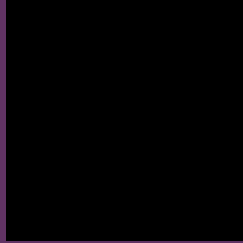
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6370148 Background



This preview shows how black text looks on a background with the Decimal color 6370148.

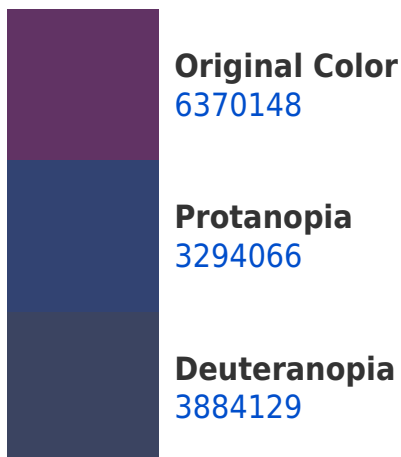


This preview shows how white text looks on a background with the Decimal color 6370148.

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
6044736

Trichromacy



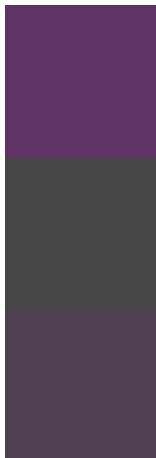
Original Color
6370148

Protanomaly
4406637

Deuteranomaly
4800098

Tritanomaly
6175053

Monochromacy



Original Color
6370148

Achromatopsia
4605510

Achromatomaly
5259089

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6370148 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 #613364 looks like.

```
.text, #text, p{  
    color:#613364  
}
```

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 #613364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613364
}
```

Border

The CSS property to change the border of an element to Decimal 6370148 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
#613364 }
```

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

```
.border{ border-color:#613364 }
```

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

Here you see how a box with a 4 pixel #613364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613364; -webkit-box-shadow:4px 4px  
4px 4px #613364; box-shadow:4px 4px 4px  
4px #613364 }
```

Background

The CSS property to change the background color of an element to Decimal 6370148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613364 }
```

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

```
.background{ background-color:#613364 }
```

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