

Converting Colors

Decimal(3884150)

Have a look what the booklet for
Decimal(3884150) contains.

Decimal(3884150)	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(3884150)

Conversions

Conversions Part 1

Format	Color
Hex	3B4476
RGB	59, 68, 118
RGB Percent	23%, 27%, 46%
CMY	0.7686, 0.7333, 0.5373
CMYK	0.50, 0.42, 0.00, 0.54
HSL	231°, 33%, 35%
HSV	231°, 50%, 46%
XYZ	7.1408, 6.3721, 17.9931
YIQ	71.0090, -21.4140, 13.6420

Conversions

Conversions Part 2

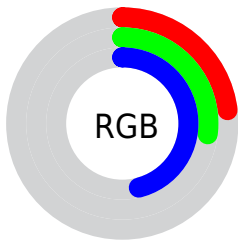
Format	Color
RYB	59, 67, 118
Decimal	3884150
CIELab	30.33, 11.27, -29.87
CIELCh	30, 31.924, 290.673
Yxy	6.3721, 0.2266, 0.2022
Android (android.graphics.Color)	4282074230 (0xFF3B4476)
YUV	71.0090, 23.1666, -10.5319
Hunter-Lab	25.2429, 6.3193, -24.5917

Details

The Decimal color **3884150** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7761211**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7238827**, and **203333** is the 20% darker color. If you saturate the color by 10%, you get **3095158**, and if you desaturate by 10%, it is **4673142**.

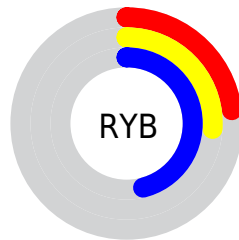
Distribution



Red (23%)

Green (27%)

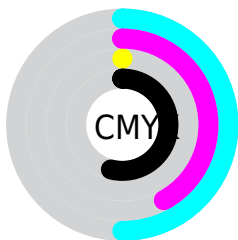
Blue (46%)



Red (23%)

Yellow (26%)

Blue (46%)

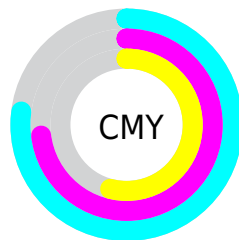


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (54%)



Cyan (77%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3884150 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 3884150 by changing the saturation by 10% instead.

■ 3884150

■ 3884150

16777215

■ 2240093

■ 7238827

■ 203333

■ 8949190

■ 47

■ 10725602

■ 281

■ 12567551

■ 0

■ 14409727

■ 16317439

■ 3884150

■ 3884150

■ 3095158

■ 4673142

■ 2306166

■ 5462134

■ 1582710

■ 6185590

■ 793718

■ 6974582

■ 4726

■ 7763574

■ 8552566

■ 9341558

■ 10065014

■ 10854006

Harmonies

Analogous

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



19576



3884150



6175335

Triad

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



3884150



7158306



21311

Complementary

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



3884150



7761211

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.



2510886



3884150



6046484

Square

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



3884150



7680567



4475670



21592

Rectangle

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



3884150



7091288



4475670



21302

Sweetspot

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



3884150



8554137



3896940



4145485



13421772



5066061

Same Dimension

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



3884150



4017049



5192566



3487291



4986



9978

Inverse Universe

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



7748420



10042699



6452795



3880246



7995411



16384038

Previews

White Background



This preview shows how the Decimal color 3884150 looks on a white background.

Color Contrast Check

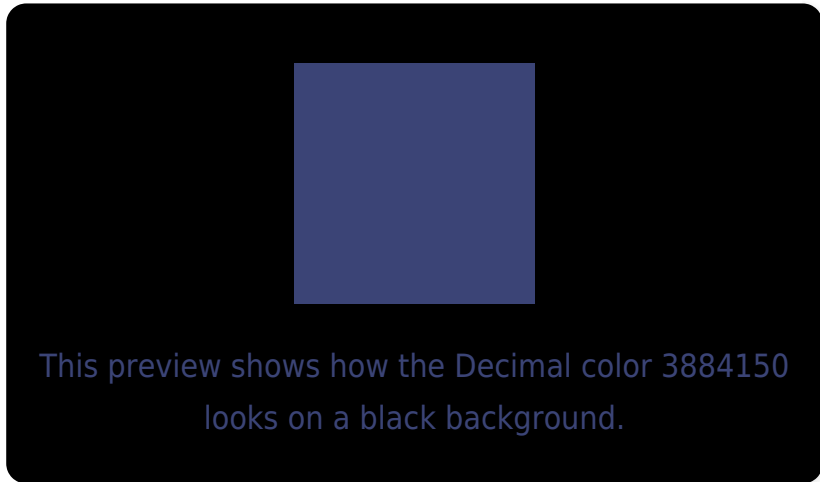
Large Text (above 18pt) WCAG AA ✓ Pass

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

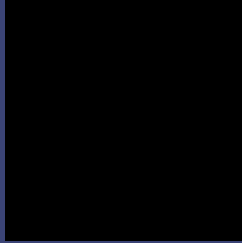
Any Text WCAG AA × Fail

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 3884150 Background



This preview shows how black text looks on a background with the Decimal color 3884150.



This preview shows how white text looks on a background with the Decimal color 3884150.

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](#).

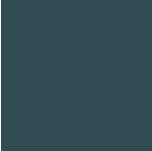
Dichromacy



Original Color
3884150

Protanopia
3360376

Deuteranopia
2771061



Tritanopia
3165266

Trichromacy



Original Color
3884150

Protanomaly
3556727

Deuteranomaly
3164021

Tritanomaly
3426655

Monochromacy



Original Color
3884150

Achromatopsia
4671303

Achromatomaly
4408920

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3884150 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 #3B4476 looks like.

```
.text, #text, p{  
    color:#3B4476  
}
```

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 #3B4476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4476
}
```

Border

The CSS property to change the border of an element to Decimal 3884150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

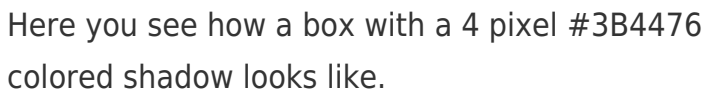
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4476 }
```

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

```
.border{ border-color:#3B4476 }
```

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



Here you see how a box with a 4 pixel #3B4476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4476; -webkit-box-shadow:4px 4px  
4px 4px #3B4476; box-shadow:4px 4px 4px  
4px #3B4476 }
```

Background

The CSS property to change the background color of an element to Decimal 3884150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4476 }
```

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

```
.background{ background-color:#3B4476 }
```

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