

Converting Colors

Decimal(3831149)

Have a look what the booklet for
Decimal(3831149) contains.

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Color

Decimal(3831149)

Conversions

Conversions Part 1

Format	Color
Hex	3A756D
RGB	58, 117, 109
RGB Percent	23%, 46%, 43%
CMY	0.7725, 0.5412, 0.5725
CMYK	0.50, 0.00, 0.07, 0.54
HSL	172°, 34%, 34%
HSV	172°, 50%, 46%
XYZ	10.8665, 14.7262, 16.7377
YIQ	98.4470, -32.5960, -14.9960

Conversions

Conversions Part 2

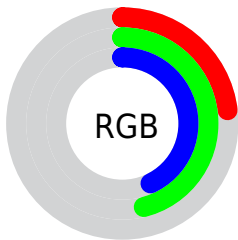
Format	Color
RYB	58, 90, 117
Decimal	3831149
CIELab	45.26, -21.37, -1.52
CIElCh	45, 21.420, 184.075
Yxy	14.7262, 0.2567, 0.3479
Android (android.graphics.Color)	4282021229 (0xFF3A756D)
YUV	98.4470, 5.2026, -35.4720
Hunter-Lab	38.3748, -16.6103, 1.0022

Details

The Decimal color **3831149** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7682626**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **7252384**, and **17470** is the 20% darker color. If you saturate the color by 10%, you get **3044715**, and if you desaturate by 10%, it is **4617583**.

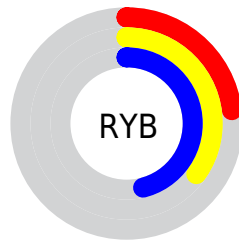
Distribution



Red (23%)

Green (46%)

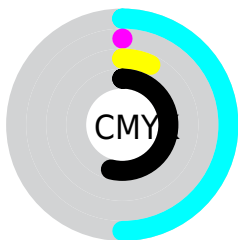
Blue (43%)



Red (23%)

Yellow (35%)

Blue (46%)

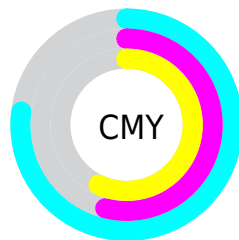


Cyan (50%)

Magenta (0%)

Yellow (7%)

Black (54%)



Cyan (77%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3831149 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 3831149 by changing the saturation by 10% instead.

■ 3831149

■ 3831149

16777215

■ 2055253

■ 7252384

■ 17470

■ 8963515

■ 11816

■ 10805719

■ 6931

■ 12582644

■ 0

■ 14483455

■ 16383999

■ 3831149

■ 3831149

■ 3044715

■ 4617583

■ 2323818

■ 5338480

■ 1537384

■ 6124914

■ 750951

■ 6911347

■ 30053

■ 7697781

■ 8418679

■ 9205112

■ 9991546

■ 10712443

Harmonies

Analogous

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



5076059



3831149



3306622

Triad

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



3831149



7431817



8742219

Complementary

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



3831149



7682626

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.



9330776



3831149



8675451

Square

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



3831149



5729422



9330281



7695175

Rectangle

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



3831149



3699335



9330281



9003855

Sweetspot

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



3831149



8558998



4420922



4148555



13421772



5066061

Same Dimension

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



3831149



3971468



3825781



3488570



31338



64216

Inverse Universe

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



7682626



10042440



7687994



3880246



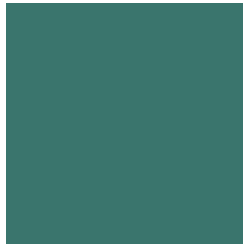
7995409



16384034

Previews

White Background



This preview shows how the Decimal color 3831149 looks on a white background.

Color Contrast Check

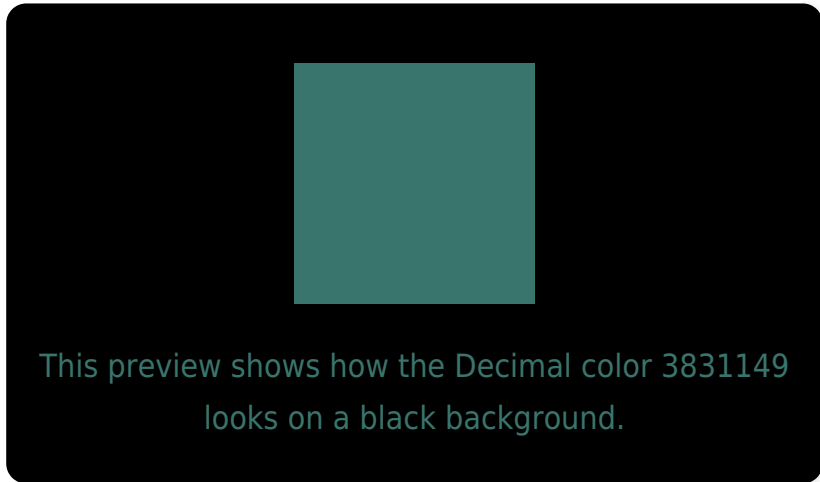
Large Text (above 18pt) WCAG AA ✓ Pass

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

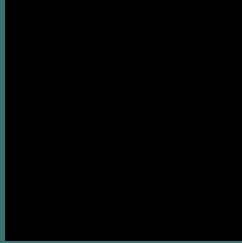
Any Text WCAG AA × Fail

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 3831149 Background



This preview shows how black text looks on a background with the Decimal color 3831149.

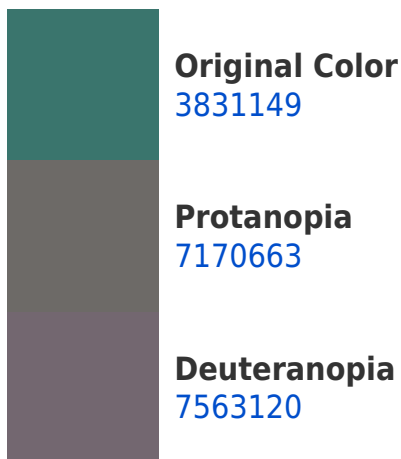



This preview shows how white text looks on a background with the Decimal color 3831149.

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](#).

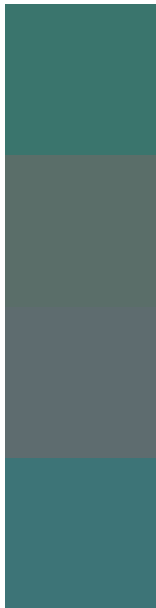
Dichromacy





Tritanopia
4158332

Trichromacy



Original Color
3831149

Protanomaly
5926505

Deuteranomaly
6188143

Tritanomaly
4027511

Monochromacy



Original Color
3831149

Achromatopsia
6447714

Achromatomaly
5466470

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3831149 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 #3A756D looks like.

```
.text, #text, p{  
  color:#3A756D  
}
```

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 #3A756D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A756D
}
```

Border

The CSS property to change the border of an element to Decimal 3831149 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
#3A756D }
```

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

```
.border{ border-color:#3A756D }
```

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

Here you see how a box with a 4 pixel #3A756D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A756D; -webkit-box-shadow:4px 4px  
4px 4px #3A756D; box-shadow:4px 4px 4px  
4px #3A756D }
```

Background

The CSS property to change the background color of an element to Decimal 3831149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A756D }
```

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

```
.background{ background-color:#3A756D }
```

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](#).

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