

Converting Colors

Decimal(3373698)

Have a look what the booklet for
Decimal(3373698) contains.

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Color

Decimal(3373698)

Conversions

Conversions Part 1

Format	Color
Hex	337A82
RGB	51, 122, 130
RGB Percent	20%, 48%, 51%
CMY	0.8000, 0.5216, 0.4902
CMYK	0.61, 0.06, 0.00, 0.49
HSL	186°, 44%, 35%
HSV	186°, 61%, 51%
XYZ	12.3540, 16.2346, 23.6016
YIQ	101.6830, -44.8840, -12.5640

Conversions

Conversions Part 2

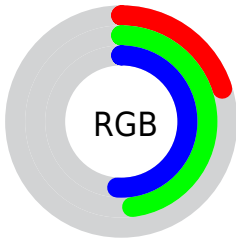
Format	Color
R _Y B	51, 88, 130
Decimal	3373698
CIE Lab	47.28, -19.49, -11.04
CIE LCh	47, 22.394, 209.525
Yxy	16.2346, 0.2367, 0.3111
Android (android.graphics.Color)	4281563778 (0xFF337A82)
YUV	101.6830, 13.9603, -44.4490
Hunter-Lab	40.2922, -15.7811, -6.5252

Details

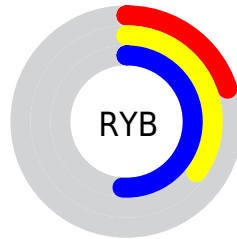
The Decimal color **3373698** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8534835**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **6991799**, and **18769** is the 20% darker color. If you saturate the color by 10%, you get **2521474**, and if you desaturate by 10%, it is **4225922**.

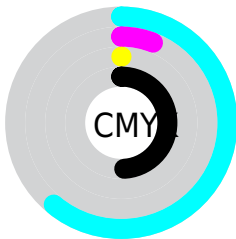
Distribution



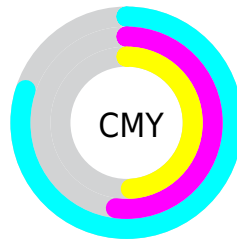
- Red (20%)
- Green (48%)
- Blue (51%)



- Red (20%)
- Yellow (35%)
- Blue (51%)



- Cyan (61%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (80%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3373698 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 3373698 by changing the saturation by 10% instead.

■ 3373698

■ 3373698

16777215

■ 1204585

■ 6991799

■ 18769

■ 8768211

■ 12858

■ 10610415

■ 7716

■ 12451839

■ 271

■ 14352383

■ 0

■ 16252927

■ 3373698

■ 3373698

■ 2521474

■ 4225922

■ 1668994

■ 5078402

■ 816770

■ 5930626

■ 30082

■ 6782850

■ 7635330

■ 8487554

■ 9339778

■ 10192258

■ 11044482

Harmonies

Analogous

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



4160111



3373698



4028304

Triad

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



3373698



8938884



8286026

Complementary

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



3373698



8534835

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.



9267280



3373698



9724529

Square

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



3373698



7498641



9790302



6976847

Rectangle

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



3373698



5141653



9790302



8613195

Sweetspot

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



3373698



9086376



3375675



4346452



13948116



5526612

Same Dimension

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



3373698



2989224



3363714



3751744



29568



0

Inverse Universe

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



8532858



11021724



8544819



4208959



8388723



0

Previews

White Background



This preview shows how the Decimal color 3373698 looks on a white background.

Color Contrast Check

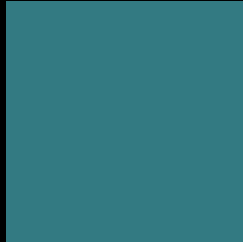
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 3373698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

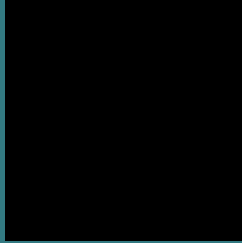
Any Text WCAG AA × Fail

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 3373698 Background



This preview shows how black text looks on a background with the Decimal color 3373698.

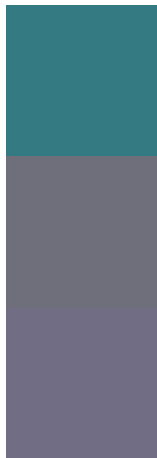


This preview shows how white text looks on a background with the Decimal color 3373698.

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
3373698

Protanopia
7237499

Deuteranopia
7368069



Tritanopia
3439236

Trichromacy



Original Color
3373698

Protanomaly
5862270

Deuteranomaly
5927556

Tritanomaly
3439235

Monochromacy



Original Color
3373698

Achromatopsia
6710886

Achromatomaly
5467504

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3373698 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 #337A82 looks like.

```
.text, #text, p{  
    color:#337A82  
}
```

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 #337A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337A82
}
```

Border

The CSS property to change the border of an element to Decimal 3373698 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
#337A82 }
```

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

```
.border{ border-color:#337A82 }
```

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

Here you see how a box with a 4 pixel #337A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337A82; -webkit-box-shadow:4px 4px  
4px 4px #337A82; box-shadow:4px 4px 4px  
4px #337A82 }
```

Background

The CSS property to change the background color of an element to Decimal 3373698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337A82 }
```

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

```
.background{ background-color:#337A82 }
```

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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