

Converting Colors

Decimal(3698308)

Have a look what the booklet for
Decimal(3698308) contains.

Decimal(3698308)	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(3698308)

Conversions

Conversions Part 1

Format	Color
Hex	386E84
RGB	56, 110, 132
RGB Percent	22%, 43%, 52%
CMY	0.7804, 0.5686, 0.4824
CMYK	0.58, 0.17, 0.00, 0.48
HSL	197°, 40%, 37%
HSV	197°, 58%, 52%
XYZ	11.3717, 13.6586, 23.8668
YIQ	96.3620, -39.2460, -4.6060

Conversions

Conversions Part 2

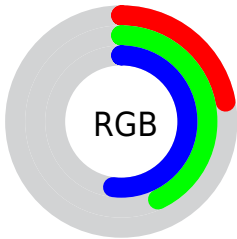
Format	Color
RYB	56, 88, 132
Decimal	3698308
CIELab	43.74, -11.12, -17.59
CIElCh	44, 20.811, 237.699
Yxy	13.6586, 0.2326, 0.2793
Android (android.graphics.Color)	4281888388 (0xFF386E84)
YUV	96.3620, 17.5695, -35.3975
Hunter-Lab	36.9575, -9.7518, -12.4187

Details

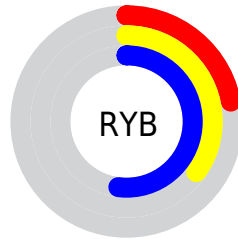
The Decimal color **3698308** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8670776**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **7185081**, and **15954** is the 20% darker color. If you saturate the color by 10%, you get **2845316**, and if you desaturate by 10%, it is **4551300**.

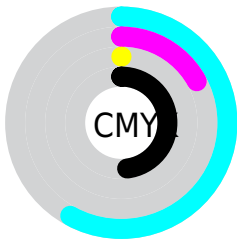
Distribution



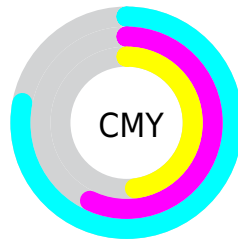
- Red (22%)
- Green (43%)
- Blue (52%)



- Red (22%)
- Yellow (35%)
- Blue (52%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (78%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3698308 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 3698308 by changing the saturation by 10% instead.

■ 3698308

■ 3698308

16777215

■ 1791595

■ 7185081

■ 15954

■ 8961493

■ 10299

■ 10803441

■ 5414

■ 12645887

■ 272

■ 14548991

■ 0

■ 16449535

■ 3698308

■ 3698308

■ 2845316

■ 4551300

■ 1992324

■ 5404292

■ 1074052

■ 6322564

■ 221060

■ 7175556

■ 24196

■ 8028548

■ 8881540

■ 9734532

■ 10653060

■ 11505796

Harmonies

Analogous

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



3174775



3698308



5204362

Triad

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



3698308



8936297



6515528

Complementary

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



3698308



8670776

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.



7693893



3698308



9067608

Square

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



3698308



8150650



8609867



5205844

Rectangle

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



3698308



6317448



8609867



6908486

Sweetspot

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



3698308



9347755



3703886



4543063



14079702



5723991

Same Dimension

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



3698308



3508651



3688580



3948610



23682



515

Inverse Universe

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



8665198



11220361



8680504



4340800



8519772



196610

Previews

White Background



This preview shows how the Decimal color 3698308 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 3698308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

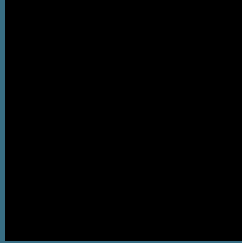
Any Text WCAG AA × Fail

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 3698308 Background



This preview shows how black text looks on a background with the Decimal color 3698308.

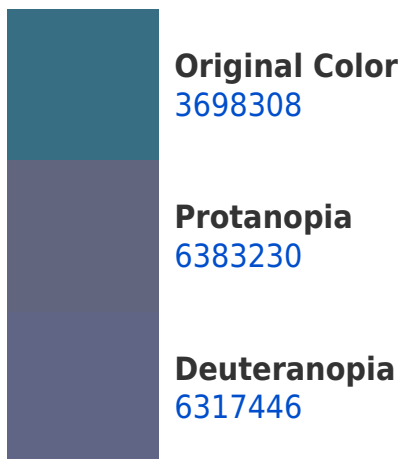


This preview shows how white text looks on a background with the Decimal color 3698308.

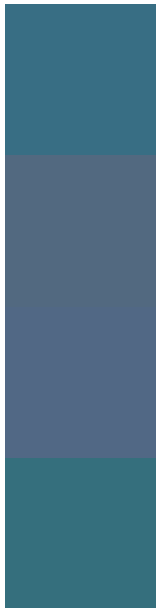
Color Blindness Simulation

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



Trichromacy



Original Color
3698308

Protanomaly
5400960

Deuteranomaly
5335173

Tritanomaly
3501949

Monochromacy



Original Color
3698308

Achromatopsia
6316128

Achromatomaly
5334381

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3698308 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 #386E84 looks like.

```
.text, #text, p{  
    color:#386E84  
}
```

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 #386E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386E84
}
```

Border

The CSS property to change the border of an element to Decimal 3698308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

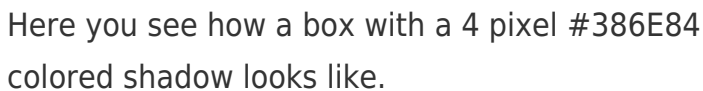
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#386E84 }
```

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

```
.border{ border-color:#386E84 }
```

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



Here you see how a box with a 4 pixel #386E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386E84; -webkit-box-shadow:4px 4px  
4px 4px #386E84; box-shadow:4px 4px 4px  
4px #386E84 }
```

Background

The CSS property to change the background color of an element to Decimal 3698308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386E84 }
```

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

```
.background{ background-color:#386E84 }
```

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