

Converting Colors

Decimal(3098012)

Have a look what the booklet for
Decimal(3098012) contains.

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Color

Decimal(3098012)

Conversions

Conversions Part 1

Format	Color
Hex	2F459C
RGB	47, 69, 156
RGB Percent	18%, 27%, 61%
CMY	0.8157, 0.7294, 0.3882
CMYK	0.70, 0.56, 0.00, 0.39
HSL	228°, 54%, 40%
HSV	228°, 70%, 61%
XYZ	9.3012, 7.2609, 32.3638
YIQ	72.3400, -41.0390, 22.3930

Conversions

Conversions Part 2

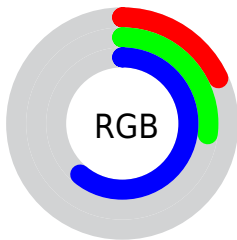
Format	Color
RYB	47, 65, 156
Decimal	3098012
CIELab	32.39, 21.82, -50.04
CIElCh	32, 54.586, 293.559
Yxy	7.2609, 0.1901, 0.1484
Android (android.graphics.Color)	4281288092 (0xFF2F459C)
YUV	72.3400, 41.2444, -22.2232
Hunter-Lab	26.9460, 14.4587, -52.3486

Details

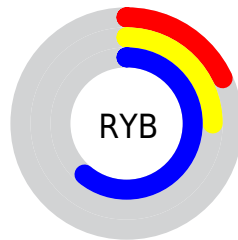
The Decimal color **3098012** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10257967**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **6976979**, and **7016** is the 20% darker color. If you saturate the color by 10%, you get **2046364**, and if you desaturate by 10%, it is **4149660**.

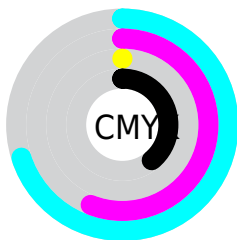
Distribution



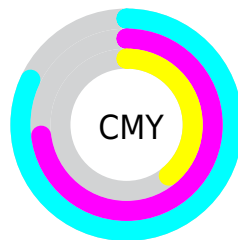
- Red (18%)
- Green (27%)
- Blue (61%)



- Red (18%)
- Yellow (25%)
- Blue (61%)



- Cyan (70%)
- Magenta (56%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (73%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3098012 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 3098012 by changing the saturation by 10% instead.

■ 3098012

■ 3098012

16777215

■ 12161

■ 6976979

■ 7016

■ 8883952

■ 591

■ 10725887

■ 1335

■ 12633343

■ 545

■ 14541055

■ 6

■ 16514303

■ 0

■ 3098012

■ 3098012

■ 2046364

■ 4149660

■ 1059996

■ 5136028

■ 8348

■ 6187676

■ 8092

■ 7174044

■ 8225692

■ 9277596

■ 10263708

■ 11315612

■ 12301724

Harmonies

Analogous

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



21923



3098012



7744896

Triad

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



3098012



8663808



24129

Complementary

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



3098012



10257967

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.



23314



3098012



6702848

Square

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



3098012



9771565



4019200



24430

Rectangle

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



3098012



9182054



4019200



23858

Sweetspot

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



3098012



10595020



3120260



5067366



15132390



6710886

Same Dimension

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



3098012



2180044



5123996



4671823



7567



783

Inverse Universe

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



10235717



13377859



8231983



5195593



9371677



983043

Previews

White Background



This preview shows how the Decimal color 3098012 looks on a white background.

Color Contrast Check

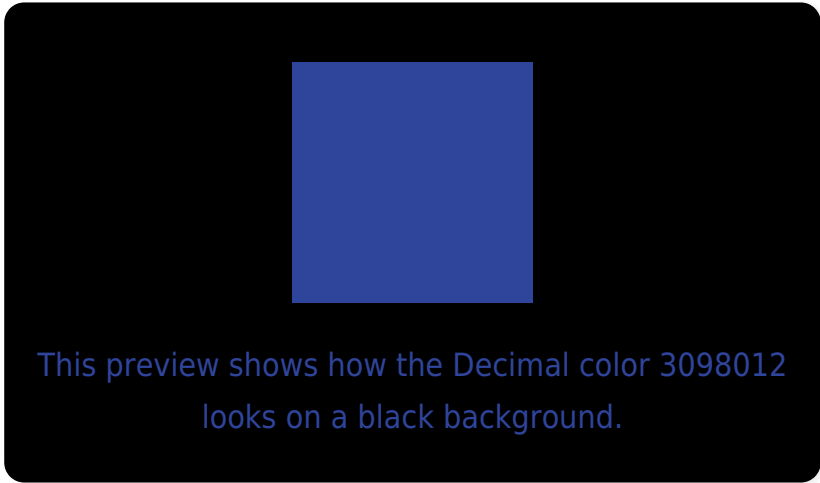
Large Text (above 18pt) WCAG AA ✓ Pass

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 3098012 Background



This preview shows how black text looks on a background with the Decimal color 3098012.

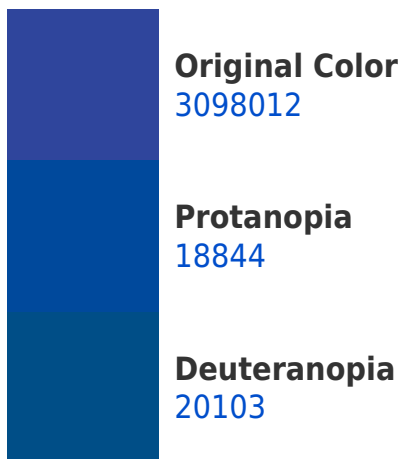


This preview shows how white text looks on a background with the Decimal color 3098012.

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
3098012

Protanomaly
1132700

Deuteranomaly
1133455

Tritanomaly
1134451

Monochromacy



Original Color
3098012

Achromatopsia
4737096

Achromatomaly
4147047

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3098012 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 #2F459C looks like.

```
.text, #text, p{  
  color:#2F459C  
}
```

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 #2F459C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F459C
}
```

Border

The CSS property to change the border of an element to Decimal 3098012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

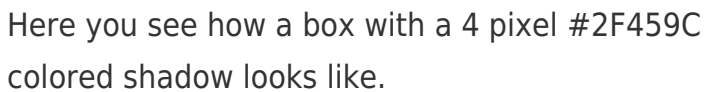
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F459C }
```

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

```
.border{ border-color:#2F459C }
```

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



Here you see how a box with a 4 pixel #2F459C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F459C; -webkit-box-shadow:4px 4px  
4px 4px #2F459C; box-shadow:4px 4px 4px  
4px #2F459C }
```

Background

The CSS property to change the background color of an element to Decimal 3098012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F459C }
```

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

```
.background{ background-color:#2F459C }
```

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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