

Converting Colors

Decimal(3098940)

Have a look what the booklet for
Decimal(3098940) contains.

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Color

Decimal(3098940)

Conversions

Conversions Part 1

Format	Color
Hex	2F493C
RGB	47, 73, 60
RGB Percent	18%, 29%, 24%
CMY	0.8157, 0.7137, 0.7647
CMYK	0.36, 0.00, 0.18, 0.71
HSL	150°, 22%, 24%
HSV	150°, 36%, 29%
XYZ	4.3704, 5.6957, 5.1440
YIQ	63.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

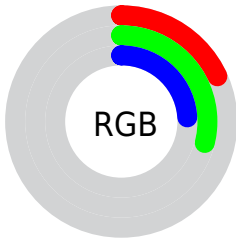
Format	Color
R_YB	47, 64, 73
Decimal	3098940
CIE Lab	28.63, -13.25, 4.65
CIE LCh	29, 14.040, 160.660
Yxy	5.6957, 0.2873, 0.3745
Android (android.graphics.Color)	4281289020 (0xFF2F493C)
YUV	63.7440, -1.8458, -14.6845
Hunter-Lab	23.8656, -9.0766, 3.9266

Details

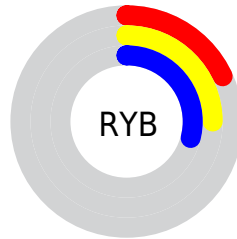
The Decimal color **3098940** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4796220**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **6191723**, and **138514** is the 20% darker color. If you saturate the color by 10%, you get **2640184**, and if you desaturate by 10%, it is **3557696**.

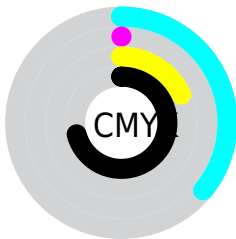
Distribution



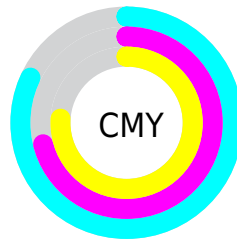
- Red (18%)
- Green (29%)
- Blue (24%)



- Red (18%)
- Yellow (25%)
- Blue (29%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3098940 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 3098940 by changing the saturation by 10% instead.

■ 3098940

■ 3098940

16777215

■ 1651238

■ 6191723

■ 138514

■ 7836804

■ 0

■ 9547423

■ 11258554

■ 13100757

■ 14942194

■ 3098940

■ 3098940

■ 2640184

■ 3557696

■ 2115893

■ 4081987

■ 1657137

■ 4540743

■ 1198381

■ 4999499

■ 739626

■ 5523790

■ 215334

■ 5982546

■ 18725

■ 6441302

■ 6900057

■ 7424349

Harmonies

Analogous

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



3884851



3098940



2443847

Triad

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



3098940



3883865



5782838

Complementary

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



3098940



4796220

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.



5848128



3098940



4865876

Square

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



3098940



2901848



5585995



5390383

Rectangle

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



3098940



2312526



5585995



5848121

Sweetspot

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



3098940



5529177



3950895



2764845



11579568



3158064

Same Dimension

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



3098940



3563082



3098953



2106402



25394



58225

Inverse Universe

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



4796220



6174282



4796207



2367522



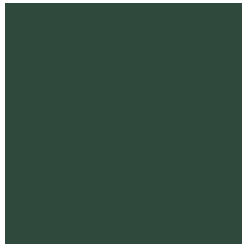
6488114



14876785

Previews

White Background



This preview shows how the Decimal color 3098940 looks on a white background.

Color Contrast Check

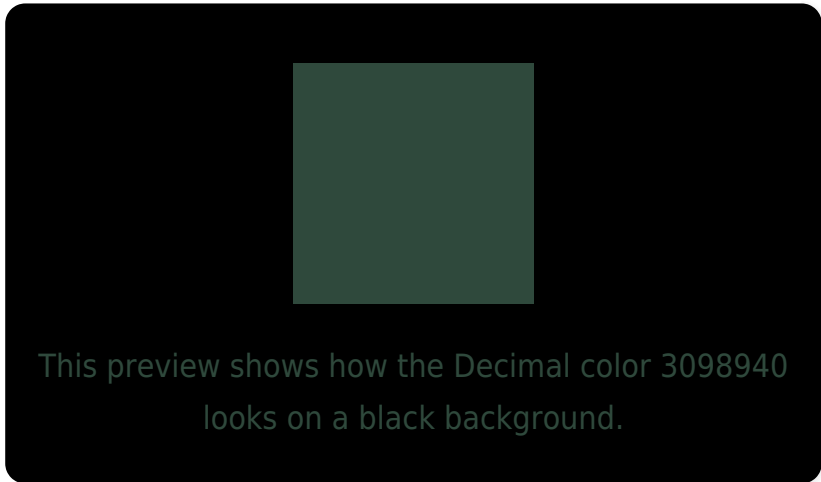
Large Text (above 18pt) WCAG AA ✓ Pass

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

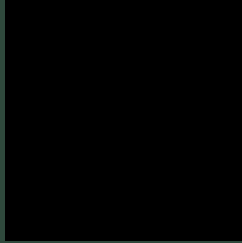
Any Text WCAG AA × Fail

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 3098940 Background



This preview shows how black text looks on a background with the Decimal color 3098940.

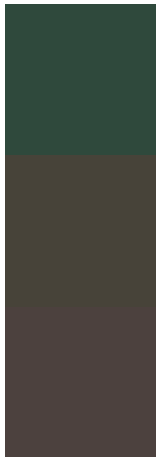


This preview shows how white text looks on a background with the Decimal color 3098940.

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](#).

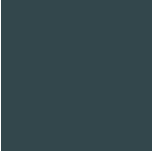
Dichromacy



Original Color
3098940

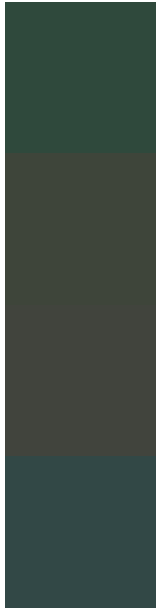
Protanopia
4670265

Deuteranopia
4997438



Tritanopia
3360588

Trichromacy



Original Color
3098940

Protanomaly
4080954

Deuteranomaly
4277309

Tritanomaly
3295302

Monochromacy



Original Color
3098940

Achromatopsia
4210752

Achromatomaly
3818303

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3098940 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 #2F493C looks like.

```
.text, #text, p{  
    color:#2F493C  
}
```

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 #2F493C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F493C
}
```

Border

The CSS property to change the border of an element to Decimal 3098940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

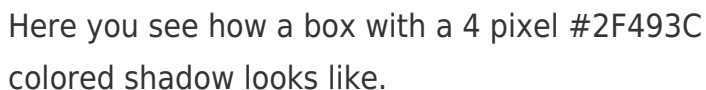
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F493C }
```

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

```
.border{ border-color:#2F493C }
```

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



Here you see how a box with a 4 pixel #2F493C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F493C; -webkit-box-shadow:4px 4px  
4px 4px #2F493C; box-shadow:4px 4px 4px  
4px #2F493C }
```

Background

The CSS property to change the background color of an element to Decimal 3098940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F493C }
```

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

```
.background{ background-color:#2F493C }
```

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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