

# Converting Colors

Decimal(3098425)

Have a look what the booklet for  
Decimal(3098425) contains.

<b>Decimal(3098425)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(3098425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F4739
RGB	47, 71, 57
RGB Percent	18%, 28%, 22%
CMY	0.8157, 0.7216, 0.7765
CMYK	0.34, 0.00, 0.20, 0.72
HSL	145°, 20%, 23%
HSV	145°, 34%, 28%
XYZ	4.1640, 5.4062, 4.6949
YIQ	62.2280, -9.8100, -9.4420

# Conversions

## Conversions Part 2

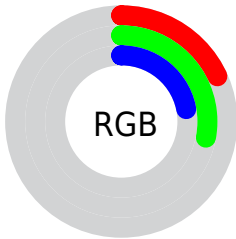
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">47, 64, 71</a>
Decimal	<a href="#">3098425</a>
CIELab	<a href="#">27.86, -12.80, 5.49</a>
CIELCh	<a href="#">28, 13.926, 156.774</a>
Yxy	<a href="#">5.4062, 0.2919, 0.3790</a>
Android (android.graphics.Color)	<a href="#">4281288505 (0xFF2F4739)</a>
YUV	<a href="#">62.2280, -2.5774, -13.3550</a>
Hunter-Lab	<a href="#">23.2513, -8.7224, 4.3040</a>

# Details

The Decimal color **3098425** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4665149**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **6191208**, and **138254** is the 20% darker color. If you saturate the color by 10%, you get **2639669**, and if you desaturate by 10%, it is **3557181**.

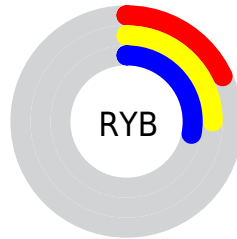
# Distribution



Red (18%)

Green (28%)

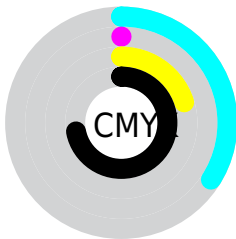
Blue (22%)



Red (18%)

Yellow (25%)

Blue (28%)

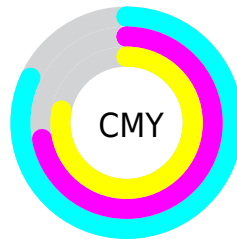


Cyan (34%)

Magenta (0%)

Yellow (20%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3098425 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 3098425 by changing the saturation by 10% instead.





3098425



3098425

16777215



1650723



6191208



138254



7836033



0



9546907



11257782



13099985



14942190



3098425



3098425



2639669



3557181

■ 2180913

■ 4015937

■ 1722157

■ 4474693

■ 1263400

■ 4933450

■ 804644

■ 5457742

■ 280352

■ 5916498

■ 18206

■ 6375254

■ 6834010

■ 7292766

# Harmonies

## Analogous

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



3884336



3098425



2443332

# Triad

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



3098425



3686999



5651253

# Complementary

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



3098425



4665149

# 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.



5716544



3098425



4603475

# Square

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



3098425



2704725



5389130



5324334

# Rectangle

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



3098425



2181195



5389130



5716793



# Sweetspot

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



3098425



5463126



4015919



2633259



11382189



3026478



# Same Dimension

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



3098425



3562566



3098437



2106402



25385



58207



# Inverse Universe

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



4665149



6043212



4665137



2367522



6488122

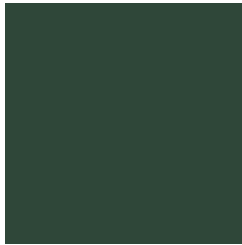


14876804



# Previews

## White Background



This preview shows how the Decimal color 3098425 looks on a white background.

## Color Contrast Check

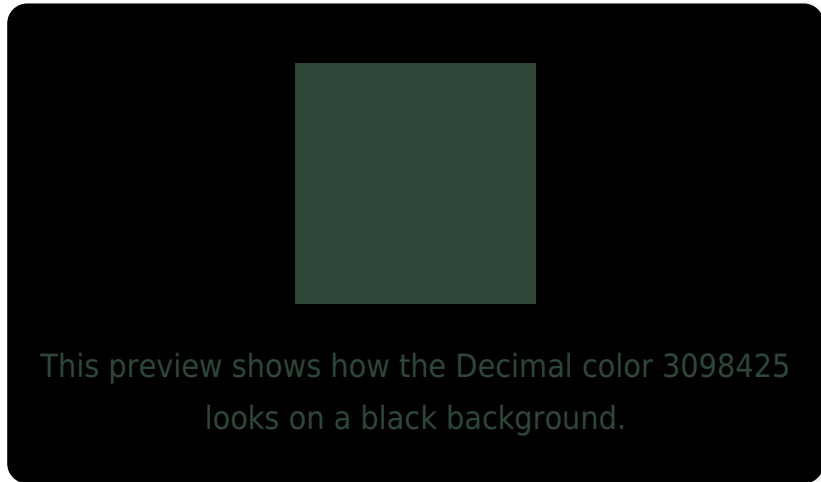
Large Text (above 18pt) WCAG AA ✓ Pass

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

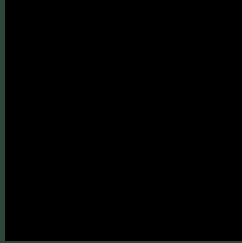
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3098425 Background



This preview shows how black text looks on a background with the Decimal color 3098425.



This preview shows how white text looks on a background with the Decimal color 3098425.

# 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**  
3098425

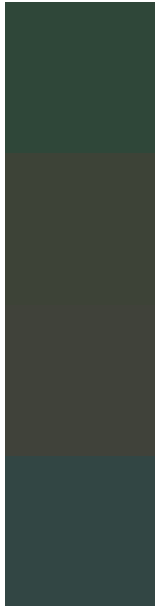
**Protanopia**  
4538678

**Deuteranopia**  
4865851



**Tritanopia**  
3360074

# Trichromacy



**Original Color**

3098425

**Protanomaly**

4014903

**Deuteranomaly**

4211258

**Tritanomaly**

3294788

# Monochromacy



**Original Color**

3098425

**Achromatopsia**

4079166

**Achromatomaly**

3752252

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3098425 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 #2F4739 looks like.

```
.text, #text, p{  
  color:#2F4739  
}
```

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 #2F4739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4739
}
```

## Border

The CSS property to change the border of an element to Decimal 3098425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

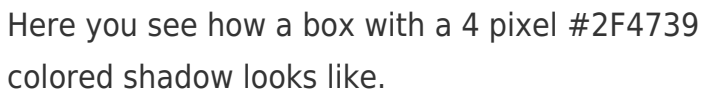
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4739 }
```

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

```
.border{ border-color:#2F4739 }
```

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



Here you see how a box with a 4 pixel #2F4739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4739; -webkit-box-shadow:4px 4px  
4px 4px #2F4739; box-shadow:4px 4px 4px  
4px #2F4739 }
```

# Background

The CSS property to change the background color of an element to Decimal 3098425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4739 }
```

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

```
.background{ background-color:#2F4739 }
```

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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