

# Converting Colors

Decimal(3564389)

Have a look what the booklet for  
Decimal(3564389) contains.

<b>Decimal(3564389)</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(3564389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	366365
RGB	54, 99, 101
RGB Percent	21%, 39%, 40%
CMY	0.7882, 0.6118, 0.6039
CMYK	0.47, 0.02, 0.00, 0.60
HSL	183°, 30%, 30%
HSV	183°, 47%, 40%
XYZ	8.3321, 10.6475, 13.9279
YIQ	85.7730, -27.4620, -8.9180

# Conversions

## Conversions Part 2

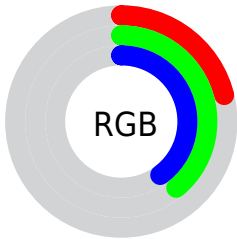
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 77, 101
Decimal	3564389
CIELab	38.98, -14.87, -5.98
CIElCh	39, 16.027, 201.901
Yxy	10.6475, 0.2532, 0.3236
Android (android.graphics.Color)	4281754469 (0xFF366365)
YUV	85.7730, 7.5069, -27.8649
Hunter-Lab	32.6306, -11.5240, -2.4658




# Details

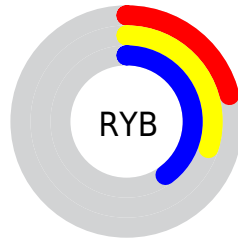
The Decimal color **3564389** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6633526**, and the grayscale version is **5658198**.


A 20% lighter version of the original color is **6854296**, and **13366** is the 20% darker color. If you saturate the color by 10%, you get **2909029**, and if you desaturate by 10%, it is **4219749**.

# Distribution







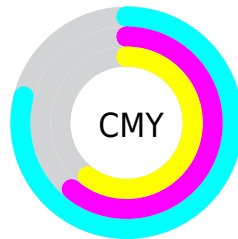
-  Red (21%)
-  Green (39%)
-  Blue (40%)






-  Red (21%)
-  Yellow (30%)
-  Blue (40%)



-  Cyan (47%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (79%)
-  Magenta (61%)
-  Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3564389 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 3564389 by changing the saturation by 10% instead.





3564389



3564389

16777215



1919821



6854296



13366



8565171



7969



10341582



10



12183786



0



14024703



15859711



3564389



3564389



2909029



4219749

■ 2253413

■ 4875365

■ 1598053

■ 5530725

■ 942437

■ 6186341

■ 287077

■ 6907237

■ 24933

■ 7562853

■ 8218213

■ 8873573

■ 9529189

# Harmonies

## Analogous

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



4154200



3564389



3760496

# Triad

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



3564389



6903148



6904386

# Complementary

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



3564389



6633526

# 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.



7493192



3564389



7557984

# Square

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



3564389



5855860



7754579



5987907

# Rectangle

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



3564389



4284276



7754579



7100483



# Sweetspot

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



3564389



7373186



3564856



3621442



12763842



4342338



# Same Dimension

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



3564389



3768194



3558501



3027763



28275



59634



# Inverse Universe

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



6633059



8534399



6639414



3354163



7536750

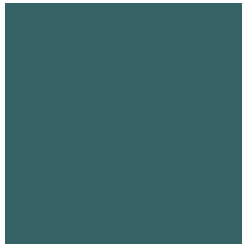


15859944



# Previews

## White Background



This preview shows how the Decimal color 3564389 looks on a white background.

## Color Contrast Check

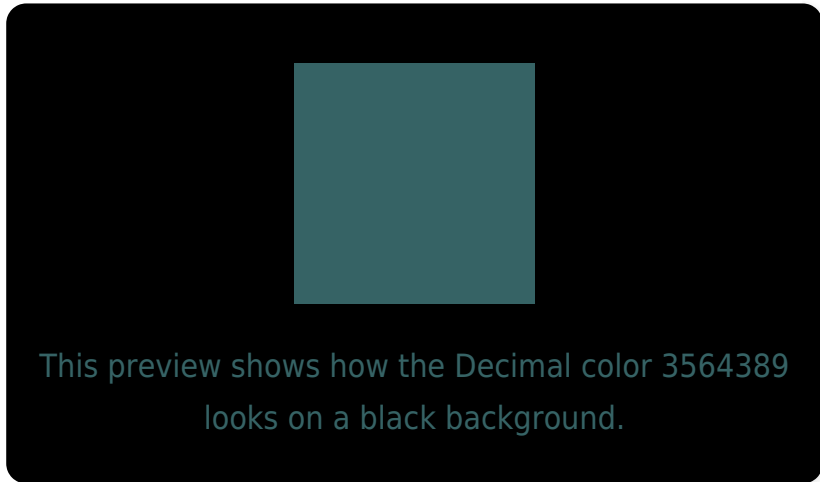
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

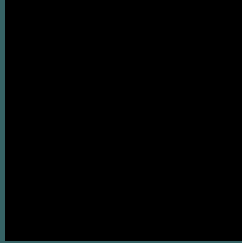
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

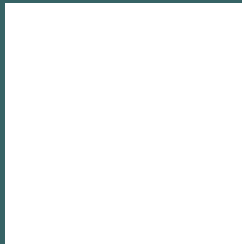
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3564389 Background



This preview shows how black text looks on a background with the Decimal color 3564389.

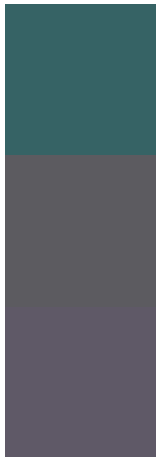


This preview shows how white text looks on a background with the Decimal color 3564389.

# 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



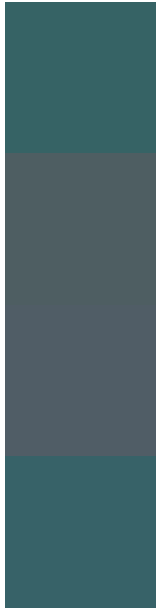
**Original Color**  
3564389

**Protanopia**  
6052704

**Deuteranopia**  
6248807



# Trichromacy



**Original Color**  
3564389

**Protanomaly**  
5135970

**Deuteranomaly**  
5266790

**Tritanomaly**  
3629672

# Monochromacy



**Original Color**  
3564389

**Achromatopsia**  
5658198

**Achromatomaly**  
4873051

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3564389 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 #366365 looks like.

```
.text, #text, p{  
    color:#366365  
}
```

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 #366365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366365
}
```

## Border

The CSS property to change the border of an element to Decimal 3564389 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
#366365 }
```

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

```
.border{ border-color:#366365 }
```

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

Here you see how a box with a 4 pixel #366365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366365; -webkit-box-shadow:4px 4px  
4px 4px #366365; box-shadow:4px 4px 4px  
4px #366365 }
```

# Background

The CSS property to change the background color of an element to Decimal 3564389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366365 }
```

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

```
.background{ background-color:#366365 }
```

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