

# Converting Colors

Decimal(3696247)

Have a look what the booklet for  
Decimal(3696247) contains.

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# Color

**Decimal(3696247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	386677
RGB	56, 102, 119
RGB Percent	22%, 40%, 47%
CMY	0.7804, 0.6000, 0.5333
CMYK	0.53, 0.14, 0.00, 0.53
HSL	196°, 36%, 34%
HSV	196°, 53%, 47%
XYZ	9.7120, 11.6754, 19.1945
YIQ	90.1840, -32.8730, -4.4650

# Conversions

## Conversions Part 2

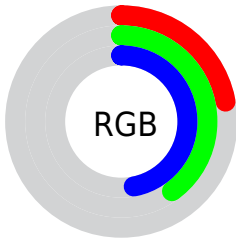
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 83, 119
Decimal	3696247
CIELab	40.70, -10.62, -14.39
CIElCh	41, 17.887, 233.568
Yxy	11.6754, 0.2393, 0.2877
Android (android.graphics.Color)	4281886327 (0xFF386677)
YUV	90.1840, 14.2063, -29.9794
Hunter-Lab	34.1693, -9.0607, -9.3874

# Details

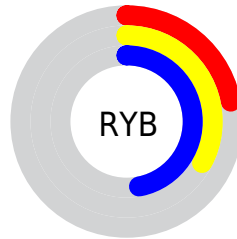
The Decimal color **3696247** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7817528**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7117227**, and **14151** is the 20% darker color. If you saturate the color by 10%, you get **2909047**, and if you desaturate by 10%, it is **4483447**.

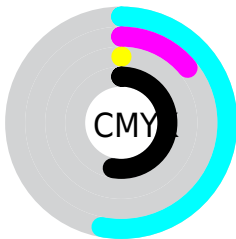
# Distribution



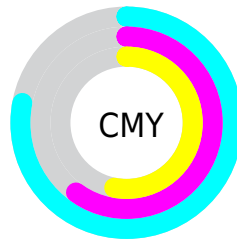
- Red (22%)
- Green (40%)
- Blue (47%)



- Red (22%)
- Yellow (33%)
- Blue (47%)



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (60%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3696247 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 3696247 by changing the saturation by 10% instead.





3696247



3696247

16777215



1920606



7117227



14151



8828103



8752



10604515



1564



12446975



0



14286847



16187391



3696247



3696247



2909047



4483447

■ 2121847

■ 5270647

■ 1334391

■ 6058103

■ 547191

■ 6845303

■ 22391

■ 7566967

■ 8354167

■ 9141367

■ 9928823

■ 10716023

# Harmonies

## Analogous

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



3434603



3696247



4809341

# Triad

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



3696247



8082788



6185797

# Complementary

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



3696247



7817528

# 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.



7167555



3696247



8279637

# Square

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



3696247



7362673



7952713



5137998

# Rectangle

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



3696247



5726076



7952713



6578499



# Sweetspot

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



3696247



8623516



3700553



4213583



13619151



5197647



# Same Dimension

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



3696247



3703196



3688311



3488059



22906



46842



# Inverse Universe

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



7813222



10238081



7825464



3880249



7995481

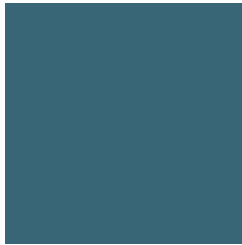


16384182



# Previews

## White Background



This preview shows how the Decimal color 3696247 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 3696247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

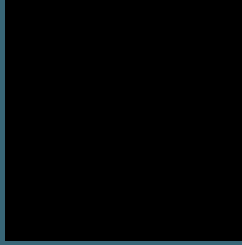
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3696247 Background



This preview shows how black text looks on a background with the Decimal color 3696247.

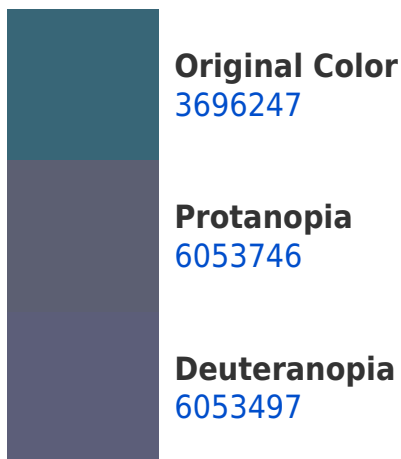



This preview shows how white text looks on a background with the Decimal color 3696247.

# 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](#).

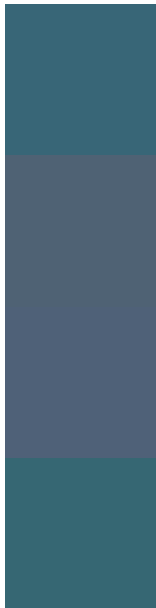
## Dichromacy





**Tritanopia**  
3499888

# Trichromacy



**Original Color**  
3696247

**Protanomaly**  
5202548

**Deuteranomaly**  
5202296

**Tritanomaly**  
3565427

# Monochromacy



**Original Color**  
3696247

**Achromatopsia**  
5921370

**Achromatomaly**  
5135973

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3696247 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 #386677 looks like.

```
.text, #text, p{  
    color:#386677  
}
```

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 #386677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386677
}
```

## Border

The CSS property to change the border of an element to Decimal 3696247 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
#386677 }
```

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

```
.border{ border-color:#386677 }
```

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

Here you see how a box with a 4 pixel #386677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386677; -webkit-box-shadow:4px 4px  
4px 4px #386677; box-shadow:4px 4px 4px  
4px #386677 }
```

# Background

The CSS property to change the background color of an element to Decimal 3696247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386677 }
```

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

```
.background{ background-color:#386677 }
```

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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