

# Converting Colors

Decimal(3043476)

Have a look what the booklet for  
Decimal(3043476) contains.

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# Color

**Decimal(3043476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E7094
RGB	46, 112, 148
RGB Percent	18%, 44%, 58%
CMY	0.8196, 0.5608, 0.4196
CMYK	0.69, 0.24, 0.00, 0.42
HSL	201°, 53%, 38%
HSV	201°, 69%, 58%
XYZ	12.2662, 14.3073, 30.1321
YIQ	96.3700, -50.8920, -2.7960

# Conversions

## Conversions Part 2

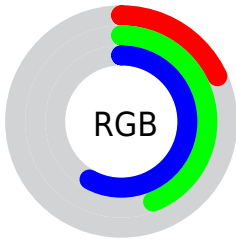
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 86, 148
Decimal	3043476
CIE <sub>Lab</sub>	44.67, -8.84, -25.73
CIE <sub>LCh</sub>	45, 27.204, 251.044
Yxy	14.3073, 0.2163, 0.2523
Android (android.graphics.Color)	4281233556 (0xFF2E7094)
YUV	96.3700, 25.4536, -44.1745
Hunter-Lab	37.8250, -8.3084, -20.7540

# Details

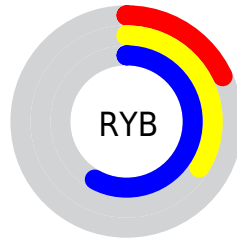
The Decimal color **3043476** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9720366**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **6857930**, and **16481** is the 20% darker color. If you saturate the color by 10%, you get **2059156**, and if you desaturate by 10%, it is **4027796**.

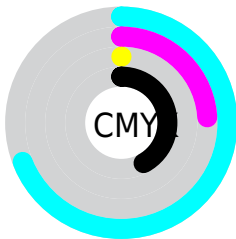
# Distribution



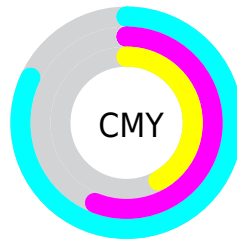
- Red (18%)
- Green (44%)
- Blue (58%)



- Red (18%)
- Yellow (34%)
- Blue (58%)



- Cyan (69%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (56%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3043476 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 3043476 by changing the saturation by 10% instead.



■ 3043476

■ 3043476

16777215

■ 153722

■ 6857930

■ 16481

■ 8699878

■ 10825

■ 10542079

■ 5938

■ 12384255

■ 541

■ 14286847

■ 0

■ 16252927

■ 3043476

■ 3043476

■ 2059156

■ 4027796

■ 1074836

■ 5012116

■ 155796

■ 5931156

■ 24724

■ 6915476

■ 7899796

■ 8884116

■ 9868692

■ 10787476

■ 11771796

# Harmonies

## Analogous

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



95367



3043476



5663126

# Triad

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



3043476



9853026



5730631

# Complementary

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



3043476



9720366

# 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.



7367485



3043476



9591885

# Square

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



3043476



9263737



8741695



3896666

# Rectangle

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



3043476



7168912



8741695



6319938



# Sweetspot

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



3043476



9941439



3052626



4806753



14737632



6381921



# Same Dimension

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



3043476



2197439



3030420



4409162



22922



1802



# Inverse Universe

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



9711216



12525959



9733422



4866887



9044057



655367



# Previews

## White Background



This preview shows how the Decimal color 3043476 looks on a white background.

## Color Contrast Check

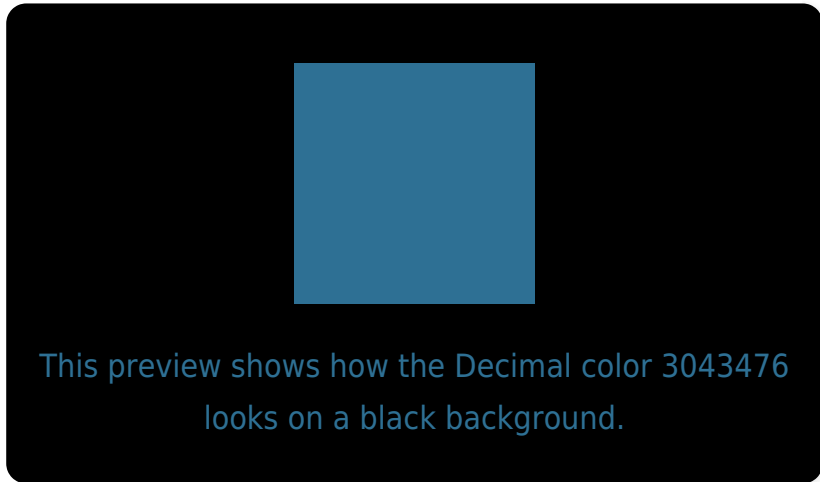
Large Text (above 18pt) WCAG AA ✓ Pass

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

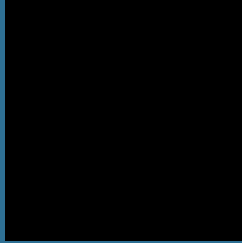
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3043476 Background



This preview shows how black text looks on a background with the Decimal color 3043476.

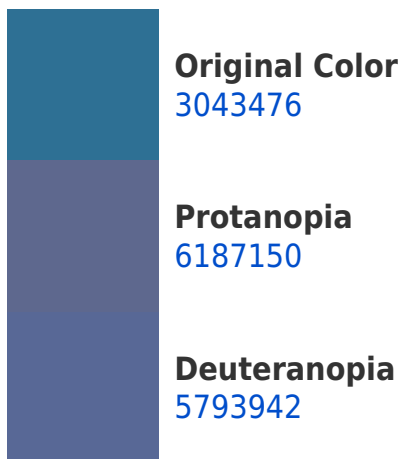


This preview shows how white text looks on a background with the Decimal color 3043476.

# Color Blindness Simulation

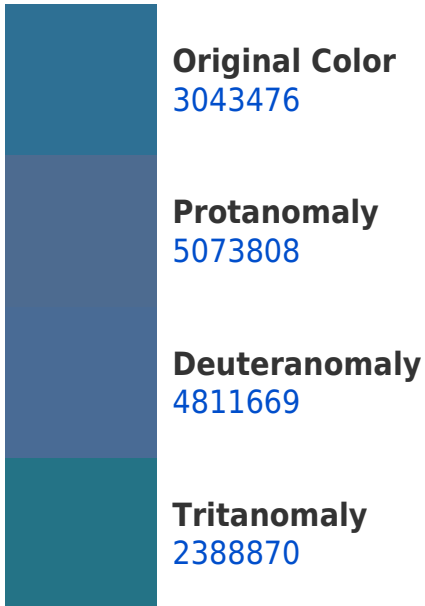
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3043476 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 #2E7094 looks like.

```
.text, #text, p{  
  color:#2E7094  
}
```

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 #2E7094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7094
}
```

## Border

The CSS property to change the border of an element to Decimal 3043476 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
#2E7094 }
```

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

```
.border{ border-color:#2E7094 }
```

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

Here you see how a box with a 4 pixel #2E7094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7094; -webkit-box-shadow:4px 4px  
4px 4px #2E7094; box-shadow:4px 4px 4px  
4px #2E7094 }
```

# Background

The CSS property to change the background color of an element to Decimal 3043476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7094 }
```

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

```
.background{ background-color:#2E7094 }
```

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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