

Converting Colors

Decimal(3763843)

Have a look what the booklet for
Decimal(3763843) contains.

Decimal(3763843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3763843)

Conversions

Conversions Part 1

Format	Color
Hex	396E83
RGB	57, 110, 131
RGB Percent	22%, 43%, 51%
CMY	0.7765, 0.5686, 0.4863
CMYK	0.56, 0.16, 0.00, 0.49
HSL	197°, 39%, 37%
HSV	197°, 56%, 51%
XYZ	11.3600, 13.6604, 23.5107
YIQ	96.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

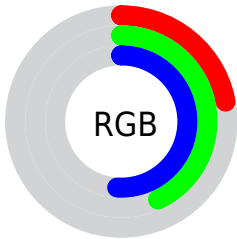
Format	Color
RYB	57, 88, 131
Decimal	3763843
CIELab	43.74, -11.22, -16.98
CIElCh	44, 20.353, 236.557
Yxy	13.6604, 0.2341, 0.2815
Android (android.graphics.Color)	4281953923 (0xFF396E83)
YUV	96.5470, 16.9853, -34.6827
Hunter-Lab	36.9600, -9.8163, -11.8431




Details

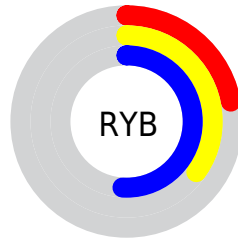
The Decimal color **3763843** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8605241**, and the grayscale version is **6316128**.




A 20% lighter version of the original color is **7250616**, and **15954** is the 20% darker color. If you saturate the color by 10%, you get **2910851**, and if you desaturate by 10%, it is **4616835**.

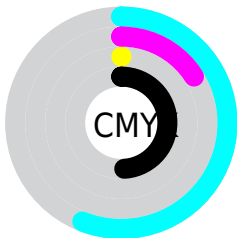
Distribution







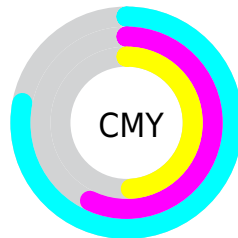
-  Red (22%)
-  Green (43%)
-  Blue (51%)






-  Red (22%)
-  Yellow (35%)
-  Blue (51%)



-  Cyan (56%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (78%)
-  Magenta (57%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3763843 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 3763843 by changing the saturation by 10% instead.

■ 3763843

■ 3763843

16777215

■ 1857130

■ 7250616

■ 15954

■ 9027028

■ 10298

■ 10803440

■ 5413

■ 12711423

■ 270

■ 14548991

■ 0

■ 16449535

■ 3763843

■ 3763843

■ 2910851

■ 4616835

■ 2058115

■ 5469571

■ 1205123

■ 6322563

■ 352131

■ 7175555

■ 24195

■ 8028547

■ 8946819

■ 9799811

■ 10652803

■ 11505539

Harmonies

Analogous

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



3305590



3763843



5204617

Triad

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



3763843



8870762



6581065

Complementary

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



3763843



8605241

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.



7693894



3763843



9002073

Square

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



3763843



8085114



8544332



5271380

Rectangle

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



3763843



6252168



8544332



6973767

Sweetspot

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



3763843



9348011



3769166



4543063



14079702



5723991

Same Dimension

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



3763843



3639979



3754371



3948610



23938



515

Inverse Universe

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



8599918



11220874



8614713



4340800



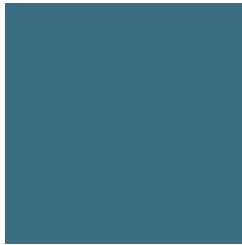
8519773



196610

Previews

White Background



This preview shows how the Decimal color 3763843 looks on a white background.

Color Contrast Check

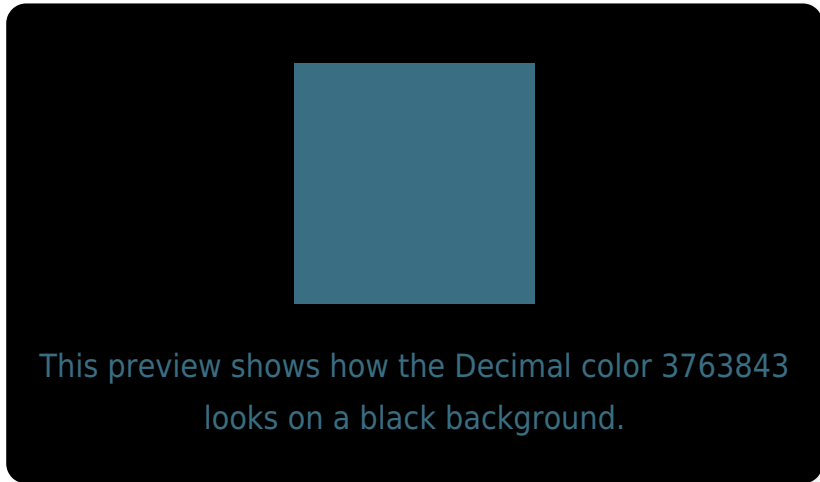
Large Text (above 18pt) WCAG AA ✓ Pass

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

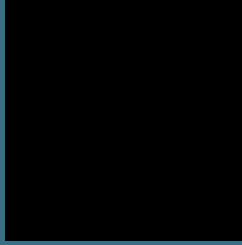
Any Text WCAG AA × Fail

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 3763843 Background



This preview shows how black text looks on a background with the Decimal color 3763843.

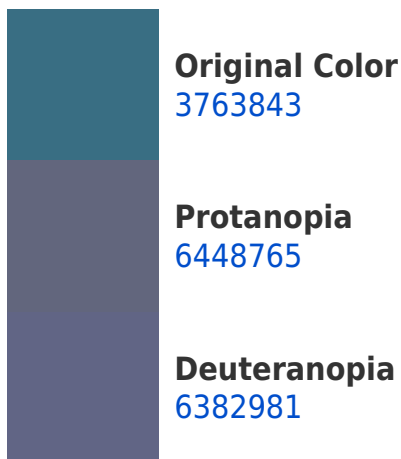


This preview shows how white text looks on a background with the Decimal color 3763843.

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](#).

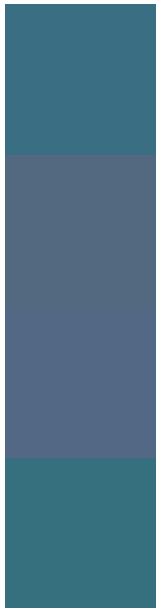
Dichromacy





Tritanopia
3502201

Trichromacy



Original Color
3763843

Protanomaly
5466495

Deuteranomaly
5400708

Tritanomaly
3567485

Monochromacy



Original Color
3763843

Achromatopsia
6381921

Achromatomaly
5400173

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3763843 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 #396E83 looks like.

```
.text, #text, p{  
    color:#396E83  
}
```

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 #396E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396E83
}
```

Border

The CSS property to change the border of an element to Decimal 3763843 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
#396E83 }
```

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

```
.border{ border-color:#396E83 }
```

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

Here you see how a box with a 4 pixel #396E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396E83; -webkit-box-shadow:4px 4px  
4px 4px #396E83; box-shadow:4px 4px 4px  
4px #396E83 }
```

Background

The CSS property to change the background color of an element to Decimal 3763843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396E83 }
```

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

```
.background{ background-color:#396E83 }
```

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