

Converting Colors

Decimal(3373786)

Have a look what the booklet for
Decimal(3373786) contains.

Decimal(3373786)	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(3373786)

Conversions

Conversions Part 1

Format	Color
Hex	337ADA
RGB	51, 122, 218
RGB Percent	20%, 48%, 85%
CMY	0.8000, 0.5216, 0.1451
CMYK	0.77, 0.44, 0.00, 0.15
HSL	214°, 69%, 53%
HSV	214°, 77%, 85%
XYZ	20.9797, 19.6848, 69.0235
YIQ	111.7150, -73.1320, 14.8040

Conversions

Conversions Part 2

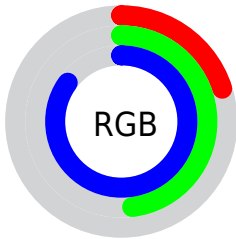
Format	Color
R _Y B	51, 101, 218
Decimal	3373786
CIE Lab	51.48, 11.32, -55.46
CIE LCh	51, 56.607, 281.531
Yxy	19.6848, 0.1913, 0.1795
Android (android.graphics.Color)	4281563866 (0xFF337ADA)
YUV	111.7150, 52.3985, -53.2471
Hunter-Lab	44.3676, 6.7622, -61.1812

Details

The Decimal color **3373786** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **14324531**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **7909119**, and **19106** is the 20% darker color. If you saturate the color by 10%, you get **1928666**, and if you desaturate by 10%, it is **4818906**.

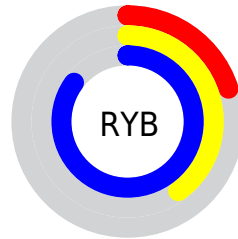
Distribution



Red (20%)

Green (48%)

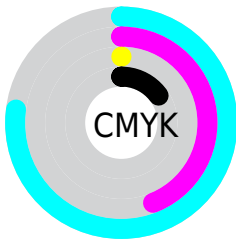
Blue (85%)



Red (20%)

Yellow (40%)

Blue (85%)

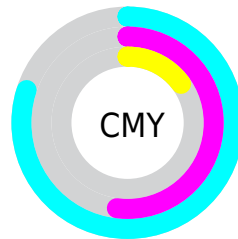


Cyan (77%)

Magenta (44%)

Yellow (0%)

Black (15%)



Cyan (80%)

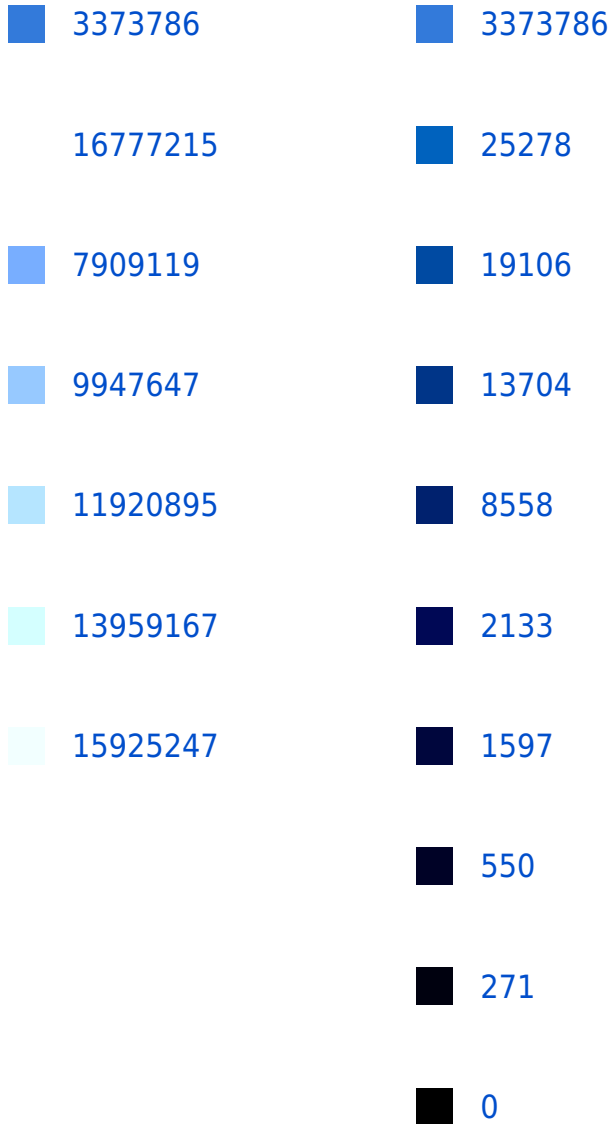
Magenta (52%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3373786 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 3373786 by changing the saturation by 10% instead.



■ 3373786

■ 3373786

■ 1928666

■ 4818906

■ 483802

■ 6263770

■ 24026

■ 7643354

■ 9088218

■ 10533338

■ 11978202

■ 13423322

■ 14802650

■ 16247770

Harmonies

Analogous

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



35030



3373786



9790916

Triad

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



3373786



13130045



36698

Complementary

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



3373786



14324531

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.



4950316



3373786



11234581

Square

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



3373786



13781866



8486405



37261

Rectangle

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



3373786



12015530



8486405



36426

Sweetspot

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



3373786



12901887



3398290



6056832



0



8421504

Same Dimension

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



3373786



1341695



4076506



6514542



19117



5166

Inverse Universe

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



14300026



16716920



13621811



7234407



11337802



3014676

Previews

White Background



This preview shows how the Decimal color 3373786 looks on a white 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

Black Background



This preview shows how the Decimal color 3373786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

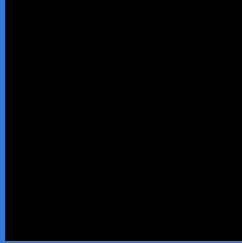
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

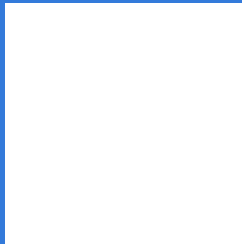
Any Text WCAG AAA × Fail

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

Decimal 3373786 Background



This preview shows how black text looks on a background with the Decimal color 3373786.



This preview shows how white text looks on a background with the Decimal color 3373786.

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](#).

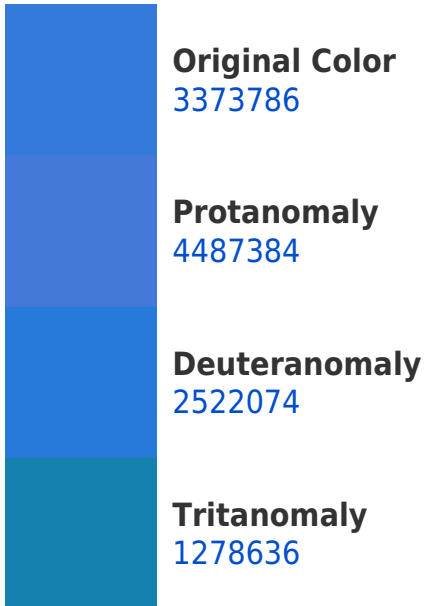
Dichromacy





Tritanopia
34705

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3373786 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 #337ADA looks like.

```
.text, #text, p{  
  color:#337ADA  
}
```

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 #337ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337ADA
}
```

Border

The CSS property to change the border of an element to Decimal 3373786 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
#337ADA }
```

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

```
.border{ border-color:#337ADA }
```

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

Here you see how a box with a 4 pixel #337ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337ADA; -webkit-box-shadow:4px 4px  
4px 4px #337ADA; box-shadow:4px 4px 4px  
4px #337ADA }
```

Background

The CSS property to change the background color of an element to Decimal 3373786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337ADA }
```

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

```
.background{ background-color:#337ADA }
```

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