

Converting Colors

Decimal(3370018)

Have a look what the booklet for
Decimal(3370018) contains.

Decimal(3370018)	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(3370018)

Conversions

Conversions Part 1

Format	Color
Hex	336C22
RGB	51, 108, 34
RGB Percent	20%, 42%, 13%
CMY	0.8000, 0.5765, 0.8667
CMYK	0.53, 0.00, 0.69, 0.58
HSL	106°, 52%, 28%
HSV	106°, 69%, 42%
XYZ	7.0165, 11.5444, 3.3719
YIQ	82.5210, -10.2180, -35.0980

Conversions

Conversions Part 2

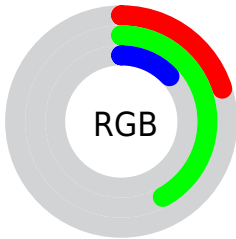
Format	Color
RYB	34, 108, 91
Decimal	3370018
CIELab	40.48, -33.71, 34.58
CIELCh	40, 48.292, 134.273
Yxy	11.5444, 0.3199, 0.5264
Android (android.graphics.Color)	4281560098 (0xFF336C22)
YUV	82.5210, -23.9209, -27.6439
Hunter-Lab	33.9771, -22.5982, 17.9001

Details

The Decimal color **3370018** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5972588**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **6791250**, and **15360** is the 20% darker color. If you saturate the color by 10%, you get **2845719**, and if you desaturate by 10%, it is **3894317**.

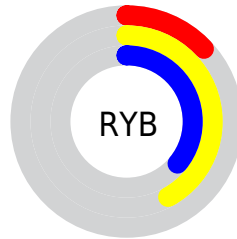
Distribution



Red (20%)

Green (42%)

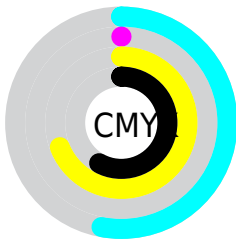
Blue (13%)



Red (13%)

Yellow (42%)

Blue (36%)

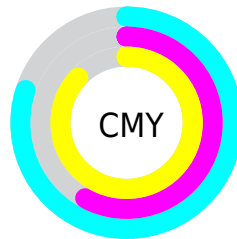


Cyan (53%)

Magenta (0%)

Yellow (69%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3370018 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 3370018 by changing the saturation by 10% instead.



3370018



3370018

16777215



1528584



6791250



15360



8567659



9728



10344325



768



12121248



0



14024635



15925207



16777204



3370018



3370018

■ 2845719

■ 3894317

■ 2255884

■ 4484152

■ 1731586

■ 5008450

■ 1666048

■ 5532749

■ 6122584

■ 6646883

■ 7171182

■ 7761016

■ 8285315

Harmonies

Analogous

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



6382337



3370018



29001

Triad

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



3370018



27308



10893390

Complementary

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



3370018



5972588

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.



10239094



3370018



3169964

Square

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



3370018



28822



7949464



10241322

Rectangle

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



3370018



29284



7949464



10827611

Sweetspot

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



3370018



7769199



7101218



3819318



13092807



4671303

Same Dimension

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



3370018



3443737



2255926



3225136



1799424



3732736

Inverse Universe

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



5972588



7477644



7086680



3420214



5898357



12386549

Previews

White Background



This preview shows how the Decimal color 3370018 looks on a white background.

Color Contrast Check

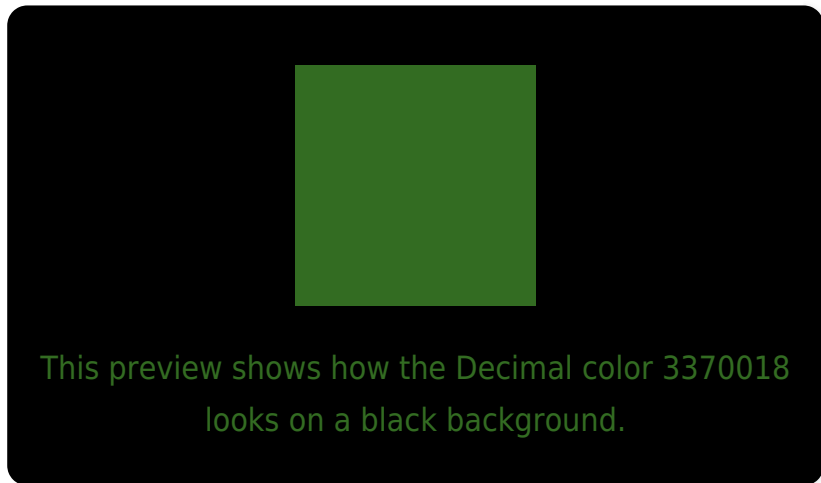
Large Text (above 18pt) WCAG AA ✓ Pass

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

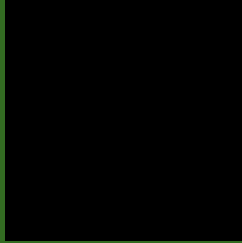
Any Text WCAG AA × Fail

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 3370018 Background



This preview shows how black text looks on a background with the Decimal color 3370018.



This preview shows how white text looks on a background with the Decimal color 3370018.

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

3370018

Protanopia

6971167

Deuteranopia

7756328

Trichromacy



Original Color
3370018

Protanomaly
5661728

Deuteranomaly
6185254

Tritanomaly
3958866

Monochromacy



Original Color
3370018

Achromatopsia
5460819

Achromatomaly
4676673

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3370018 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 #336C22 looks like.

```
.text, #text, p{  
    color:#336C22  
}
```

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 #336C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336C22
}
```

Border

The CSS property to change the border of an element to Decimal 3370018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

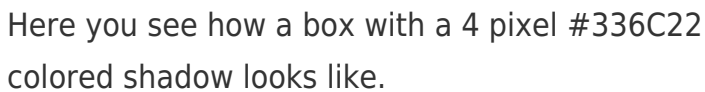
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#336C22 }
```

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

```
.border{ border-color:#336C22 }
```

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



Here you see how a box with a 4 pixel #336C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336C22; -webkit-box-shadow:4px 4px  
4px 4px #336C22; box-shadow:4px 4px 4px  
4px #336C22 }
```

Background

The CSS property to change the background color of an element to Decimal 3370018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336C22 }
```

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

```
.background{ background-color:#336C22 }
```

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