

Converting Colors

Decimal(3380240)

Have a look what the booklet for
Decimal(3380240) contains.

Decimal(3380240)	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(3380240)

Conversions

Conversions Part 1

Format	Color
Hex	339410
RGB	51, 148, 16
RGB Percent	20%, 58%, 6%
CMY	0.8000, 0.4196, 0.9373
CMYK	0.66, 0.00, 0.89, 0.42
HSL	104°, 80%, 32%
HSV	104°, 89%, 58%
XYZ	12.0487, 21.9210, 4.0864
YIQ	103.9490, -15.4400, -61.6160

Conversions

Conversions Part 2

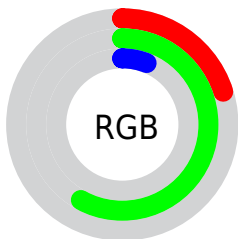
Format	Color
RYB	16, 148, 113
Decimal	3380240
CIELab	53.94, -50.31, 53.63
CIELCh	54, 73.533, 133.169
Yxy	21.9210, 0.3166, 0.5760
Android (android.graphics.Color)	4281570320 (0xFF339410)
YUV	103.9490, -43.3589, -46.4363
Hunter-Lab	46.8199, -35.9995, 27.5992

Details

The Decimal color **3380240** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7409812**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **7326540**, and **24576** is the 20% darker color. If you saturate the color by 10%, you get **2659329**, and if you desaturate by 10%, it is **4101151**.

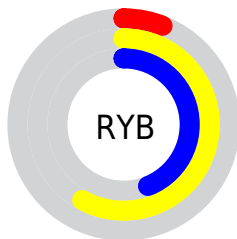
Distribution



Red (20%)

Green (58%)

Blue (6%)



Red (6%)

Yellow (58%)

Blue (44%)

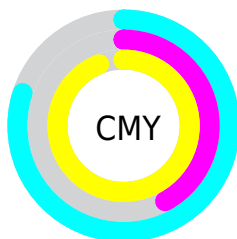


Cyan (66%)

Magenta (0%)

Yellow (89%)

Black (42%)



Cyan (80%)

Magenta (42%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3380240 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 3380240 by changing the saturation by 10% instead.



3380240



3380240

16777215



358912



7326540



24576



9234534



18176



11075457



12288



12976028



5632



14942136



0



16777173



16777202



3380240



3380240

■ 2659329

■ 4101151

■ 2593792

■ 4822062

■ 5542972

■ 6263883

■ 6919258

■ 7640169

■ 8361080

■ 9081990

■ 9802901

Harmonies

Analogous

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



8554240



3380240



39770

Triad

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



3380240



37627



15676520

Complementary

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



3380240



7409812

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.



14630567



3380240



32766

Square

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



3380240



39895



10838495



14700843

Rectangle

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



3380240



40070



10838495



15610493

Sweetspot

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



3380240



10076044



9728272



4874562



14737632



6381921

Same Dimension

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



3380240



3391232



1086511



4540995



2460160



199168

Inverse Universe

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



7409812



9240767



9703541



4735818



6619274



458762

Previews

White Background



This preview shows how the Decimal color 3380240 looks on a white background.

Color Contrast Check

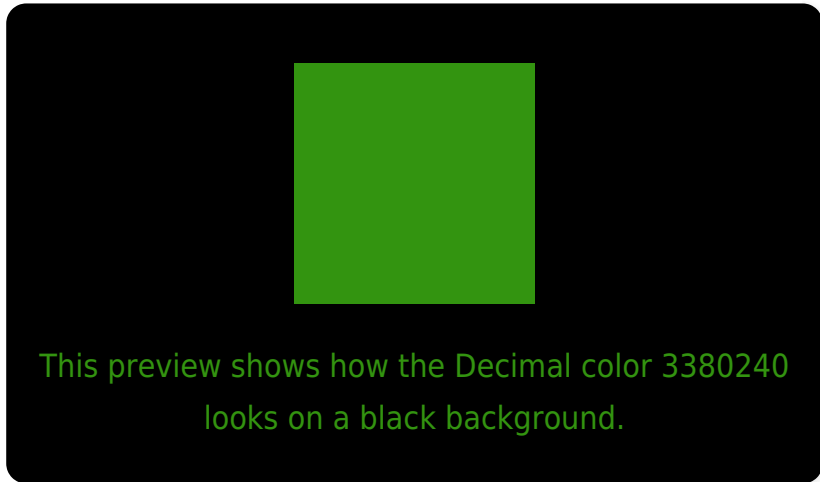
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 3380240 Background



This preview shows how black text looks on a background with the Decimal color 3380240.



This preview shows how white text looks on a background with the Decimal color 3380240.

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
3380240

Protanopia
9535495

Deuteranopia
10582562



Tritanopia
5147285

Trichromacy



Original Color

3380240



Protanomaly

7309066



Deuteranomaly

7963419



Tritanomaly

4492901

Monochromacy



Original Color

3380240



Achromatopsia

6842472



Achromatomaly

5601352

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3380240 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 #339410 looks like.

```
.text, #text, p{  
    color:#339410  
}
```

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 #339410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339410
}
```

Border

The CSS property to change the border of an element to Decimal 3380240 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
#339410 }
```

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

```
.border{ border-color:#339410 }
```

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

Here you see how a box with a 4 pixel #339410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339410; -webkit-box-shadow:4px 4px  
4px 4px #339410; box-shadow:4px 4px 4px  
4px #339410 }
```

Background

The CSS property to change the background color of an element to Decimal 3380240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339410 }
```

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

```
.background{ background-color:#339410 }
```

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