

Converting Colors

Decimal(4376418)

Have a look what the booklet for
Decimal(4376418) contains.

Decimal(4376418)	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(4376418)

Conversions

Conversions Part 1

Format	Color
Hex	42C762
RGB	66, 199, 98
RGB Percent	26%, 78%, 38%
CMY	0.7412, 0.2196, 0.6157
CMYK	0.67, 0.00, 0.51, 0.22
HSL	134°, 54%, 52%
HSV	134°, 67%, 78%
XYZ	24.8748, 42.8869, 18.5222
YIQ	147.7190, -46.8470, -59.6070

Conversions

Conversions Part 2

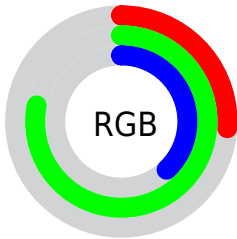
Format	Color
RYB	66, 173, 199
Decimal	4376418
CIELab	71.48, -57.24, 40.01
CIELCh	71, 69.833, 145.048
Yxy	42.8869, 0.2883, 0.4970
Android (android.graphics.Color)	4282566498 (0xFF42C762)
YUV	147.7190, -24.5115, -71.6676
Hunter-Lab	65.4881, -46.8034, 29.0725

Details

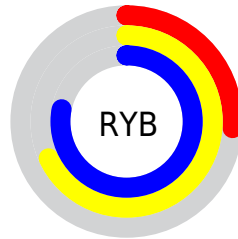
The Decimal color **4376418** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **13058727**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **8519575**, and **36912** is the 20% darker color. If you saturate the color by 10%, you get **3065683**, and if you desaturate by 10%, it is **5687153**.

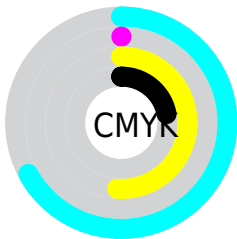
Distribution



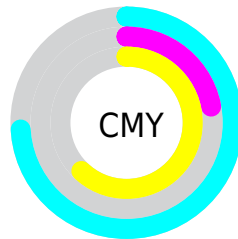
- Red (26%)
- Green (78%)
- Blue (38%)



- Red (26%)
- Yellow (68%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (51%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4376418 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 4376418 by changing the saturation by 10% instead.



4376418



4376418

16777215



1551177



8519575



36912



10485682



29974



12386254



23296



14352362



16896



16318463



11264



2560



0



4376418



4376418

■ 3065683

■ 5687153

■ 1754948

■ 6997888

■ 444213

■ 8308623

■ 50992

■ 9619358

■ 10930094

■ 12175293

■ 13486028

■ 14796763

■ 16107498

Harmonies

Analogous

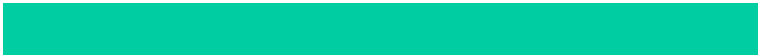
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10205998



4376418



52642

Triad

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



4376418



47871



16742269

Complementary

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



4376418



13058727

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.



16741308



4376418



10265599

Square

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



4376418



51199



15894265



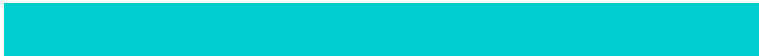
16748358

Rectangle

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



4376418



52686



15894265



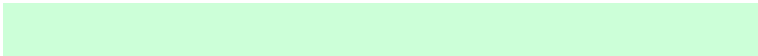
16741266

Sweetspot

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



4376418



13434840



11061058



6389864



0



8421504

Same Dimension

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



4376418



3407716



4376484



5923676



41767



9225

Inverse Universe

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



13058727



16724942



13058661



6511201



10682492



2359323

Previews

White Background



This preview shows how the Decimal color 4376418 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4376418 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 ✓ Pass

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

Decimal 4376418 Background



This preview shows how black text looks on a background with the Decimal color 4376418.

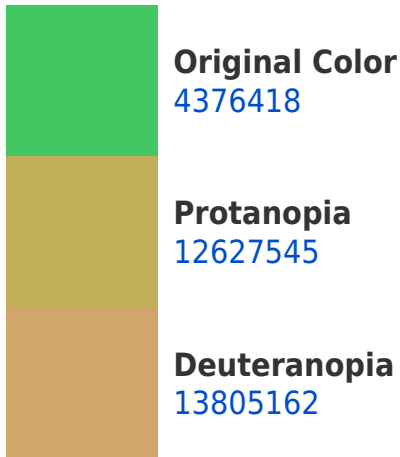


This preview shows how white text looks on a background with the Decimal color 4376418.

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
6470859

Trichromacy



Original Color

4376418



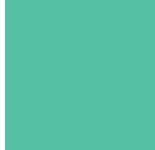
Protanomaly

9615196



Deuteranomaly

10400359



Tritanomaly

5685413

Monochromacy



Original Color

4376418



Achromatopsia

9737364



Achromatomaly

7776130

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4376418 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 #42C762 looks like.

```
.text, #text, p{  
  color:#42C762  
}
```

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 #42C762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C762
}
```

Border

The CSS property to change the border of an element to Decimal 4376418 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
#42C762 }
```

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

```
.border{ border-color:#42C762 }
```

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

Here you see how a box with a 4 pixel #42C762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C762; -webkit-box-shadow:4px 4px  
4px 4px #42C762; box-shadow:4px 4px 4px  
4px #42C762 }
```

Background

The CSS property to change the background color of an element to Decimal 4376418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C762 }
```

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

```
.background{ background-color:#42C762 }
```

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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