

# Converting Colors

Decimal(3726444)

Have a look what the booklet for  
Decimal(3726444) contains.

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# **Color**

**Decimal(3726444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38DC6C
RGB	56, 220, 108
RGB Percent	22%, 86%, 42%
CMY	0.7804, 0.1373, 0.5765
CMYK	0.75, 0.00, 0.51, 0.14
HSL	139°, 70%, 54%
HSV	139°, 75%, 86%
XYZ	29.9309, 53.1099, 22.8611
YIQ	158.1960, -61.7920, -69.6000

# Conversions

## Conversions Part 2

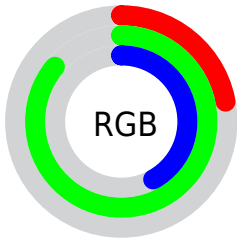
Format	Color
<a href="#">RYB</a>	56, 181, 220
Decimal	3726444
CIELab	77.94, -64.74, 43.09
CIELCh	78, 77.773, 146.351
Yxy	53.1099, 0.2826, 0.5015
Android (android.graphics.Color)	4281916524 (0xFF38DC6C)
YUV	158.1960, -24.7466, -89.6259
Hunter-Lab	72.8765, -54.2228, 32.4145

# Details

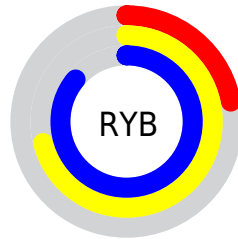
The Decimal color **3726444** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **14432424**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8322977**, and **41785** is the 20% darker color. If you saturate the color by 10%, you get **2284637**, and if you desaturate by 10%, it is **5168251**.

# Distribution



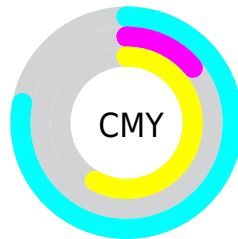
- Red (22%)
- Green (86%)
- Blue (42%)



- Red (22%)
- Yellow (71%)
- Blue (86%)



- Cyan (75%)
- Magenta (0%)
- Yellow (51%)
- Black (14%)



- Cyan (78%)
- Magenta (14%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3726444 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 3726444 by changing the saturation by 10% instead.



 3726444

 3726444

16777215

 48978

 8322977

 41785

 10354621

 34847

 12386265

 28160

 14417910

 21504

 16449535

 15104

 8960

 0

 3726444

 3726444

■ 2284637

■ 5168251

■ 842830

■ 6610058

■ 56390

■ 8051865

■ 9493672

■ 10935479

■ 12377286

■ 13819093

■ 15260900

■ 16702707

# Harmonies

## Analogous

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



10932013



3726444



58037

# Triad

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



3726444



52479



16744837

# Complementary

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



3726444



14432424

# 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.



16743117



3726444



11514367

# Square

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



3726444



56575



16749055



16751942

# Rectangle

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



3726444



58343



16749055



16743324

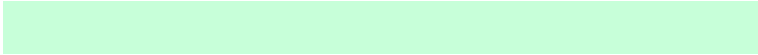


# Sweetspot

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



3726444



13107161



11066424



6193257



0



8421504



# Same Dimension

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



3726444



1900388



3726526



6516326



44343



11791



# Inverse Universe

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



14432424



16719031



14432342



7234410



11337846

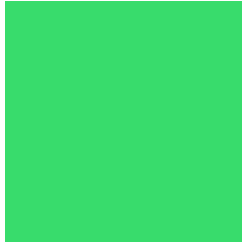


3014687



# Previews

## White Background



This preview shows how the Decimal color 3726444 looks on a white background.

## Color Contrast Check

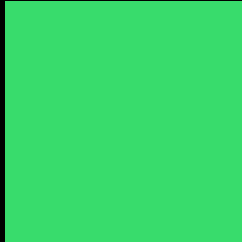
Large Text (above 18pt) WCAG AA × Fail

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 3726444 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

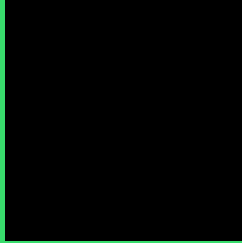
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

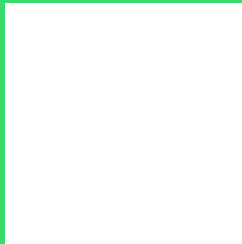
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3726444 Background



This preview shows how black text looks on a background with the Decimal color 3726444.

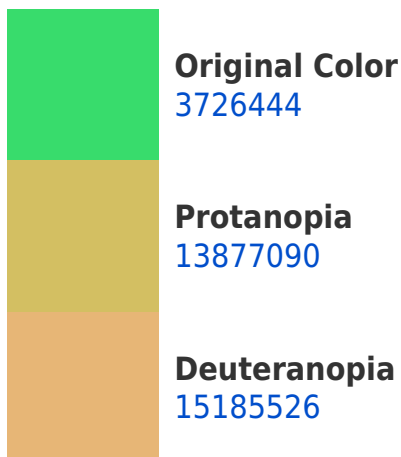


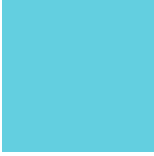
This preview shows how white text looks on a background with the Decimal color 3726444.

# 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**  
6541280

# Trichromacy



**Original Color**

3726444



**Protanomaly**

10209894



**Deuteranomaly**

10994802



**Tritanomaly**

5493942

# Monochromacy



**Original Color**

3726444



**Achromatopsia**

10395294



**Achromatomaly**

7976332

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3726444 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 #38DC6C looks like.

```
.text, #text, p{  
  color:#38DC6C  
}
```

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 #38DC6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38DC6C
}
```

## Border

The CSS property to change the border of an element to Decimal 3726444 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
#38DC6C }
```

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

```
.border{ border-color:#38DC6C }
```

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

Here you see how a box with a 4 pixel #38DC6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38DC6C; -webkit-box-shadow:4px 4px  
4px 4px #38DC6C; box-shadow:4px 4px 4px  
4px #38DC6C }
```

# Background

The CSS property to change the background color of an element to Decimal 3726444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38DC6C }
```

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

```
.background{ background-color:#38DC6C }
```

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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