

# Converting Colors

Hex(37D463)

Have a look what the booklet for  
Hex(37D463) contains.

<b>Hex(37D463)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(37D463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37D463
RGB	55, 212, 99
RGB Percent	22%, 83%, 39%
CMY	0.7843, 0.1686, 0.6118
CMYK	0.74, 0.00, 0.53, 0.17
HSL	137°, 65%, 52%
HSV	137°, 74%, 83%
XYZ	27.3712, 48.8000, 19.7811
YIQ	152.1750, -57.2990, -68.4270

# Conversions

## Conversions Part 2

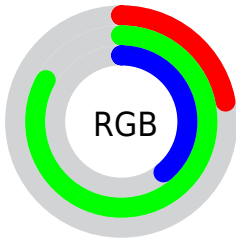
Format	Color
<a href="#">RYB</a>	<a href="#">55, 178, 212</a>
Decimal	<a href="#">3658851</a>
CIELab	<a href="#">75.33, -63.47, 44.19</a>
CIELCh	<a href="#">75, 77.334, 145.154</a>
Yxy	<a href="#">48.8000, 0.2853, 0.5086</a>
Android (android.graphics.Color)	<a href="#">4281848931 (0xFF37D463)</a>
YUV	<a href="#">152.1750, -26.2153, -85.2225</a>
Hunter-Lab	<a href="#">69.8570, -52.3105, 32.1110</a>

# Details

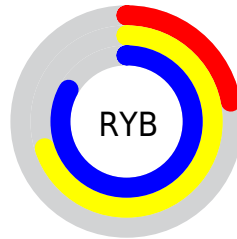
The Hex color **37D463** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D437A8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7CFF98**, and **009C30** is the 20% darker color. If you saturate the color by 10%, you get **22D454**, and if you desaturate by 10%, it is **4CD472**.

# Distribution



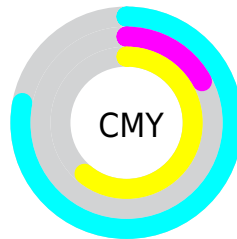
- Red (22%)
- Green (83%)
- Blue (39%)



- Red (22%)
- Yellow (70%)
- Blue (83%)



- Cyan (74%)
- Magenta (0%)
- Yellow (53%)
- Black (17%)



- Cyan (78%)
- Magenta (17%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37D463 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 Hex color 37D463 by changing the saturation by 10% instead.



 37D463

 37D463

FFFFFF

 00B849

 7CFF98

 009C30

 9BFFB4

 008114

 B9FFD0

 006600

 D8FFEC

 004D00

 F7FFFF

 003600

 001B00

 000000

 37D463

 37D463

 22D454

 4CD472

 0DD444

 61D482

 00D43B

 77D491

 8CD4A0

 A1D4AF

 B6D4BF

 CBD4CE

 E1D4DD

 F6D4EC

# Harmonies

## Analogous

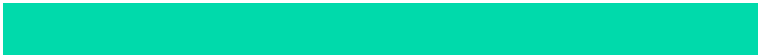
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C723



37D463



00DAAB

# Triad

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



37D463



00C5FF



FF7981

# Complementary

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



37D463



D437A8

# 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.



FF73C8



37D463



A2ACFF

# Square

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



37D463



00D5FF



FF8BFF



FF9543

# Rectangle

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



37D463



00DBDD



FF8BFF



FF7498

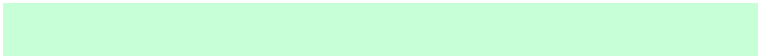


# Sweetspot

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



37D463



C7FFD7



AAD437



5E8068



000000



808080



# Same Dimension

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



37D463



1CFF5C



37D4AF



606B63



00AB30



002B0C



# Inverse Universe

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



D437A8



FF1CBF



D4375C



6B6068



AB007B

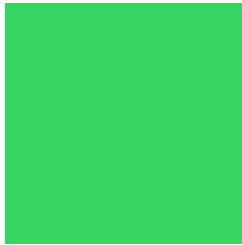


2B001F



# Previews

## White Background



This preview shows how the Hex color 37D463 looks on a white background.

## Color Contrast Check

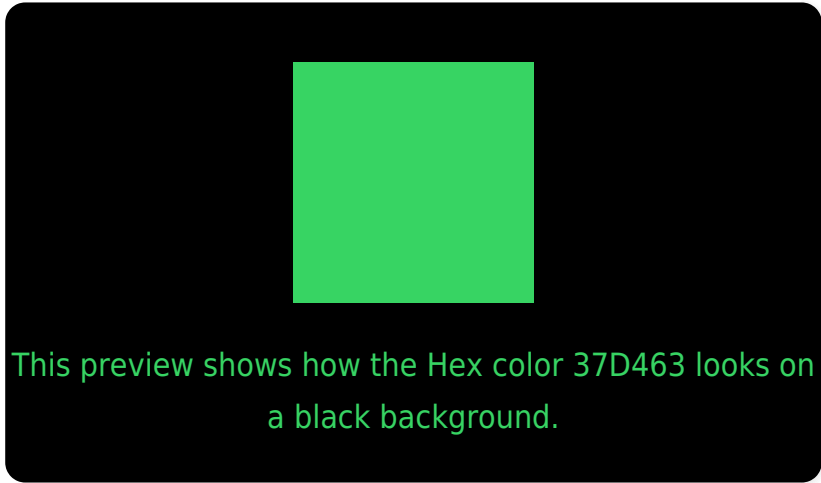
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

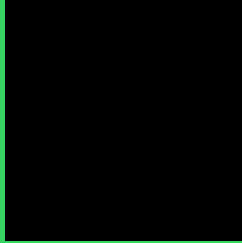
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37D463 Background



This preview shows how black text looks on a background with the Hex color 37D463.

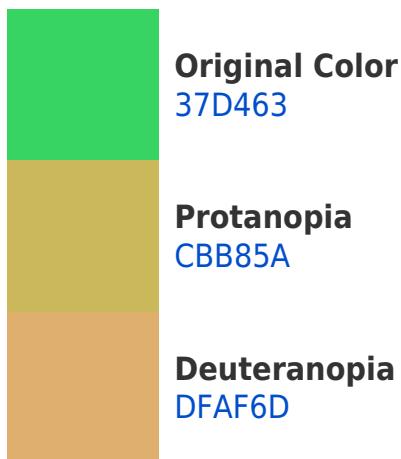


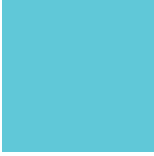
This preview shows how white text looks on a background with the Hex color 37D463.

# 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**  
60C8D8

# Trichromacy



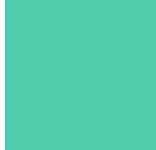
**Original Color**  
37D463



**Protanomaly**  
95C25D



**Deuteranomaly**  
A2BC69



**Tritanomaly**  
51CCAD

# Monochromacy



**Original Color**  
37D463



**Achromatopsia**  
989898



**Achromatomaly**  
75AE85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37D463 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 #37D463 looks like.

```
.text, #text, p{  
    color:#37D463  
}
```

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 #37D463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D463
}
```

## Border

The CSS property to change the border of an element to Hex 37D463 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
#37D463 }
```

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

```
.border{ border-color:#37D463 }
```

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

Here you see how a box with a 4 pixel #37D463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D463; -webkit-box-shadow:4px 4px  
4px 4px #37D463; box-shadow:4px 4px 4px  
4px #37D463 }
```

# Background

The CSS property to change the background color of an element to Hex 37D463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D463 }
```

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

```
.background{ background-color:#37D463 }
```

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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