

Converting Colors

Hex(37CB27)

Have a look what the booklet for
Hex(37CB27) contains.

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Color

Hex(37CB27)

Conversions

Conversions Part 1

Format	Color
Hex	37CB27
RGB	55, 203, 39
RGB Percent	22%, 80%, 15%
CMY	0.7843, 0.2039, 0.8471
CMYK	0.73, 0.00, 0.81, 0.20
HSL	114°, 68%, 47%
HSV	114°, 81%, 80%
XYZ	23.2977, 43.6706, 9.1208
YIQ	140.0520, -35.5640, -82.3800

Conversions

Conversions Part 2

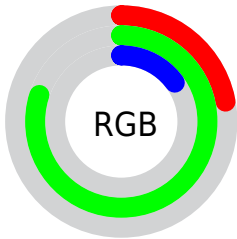
Format	Color
RYB	39, 203, 187
Decimal	3656487
CIELab	72.01, -66.43, 64.23
CIELCh	72, 92.401, 135.964
Yxy	43.6706, 0.3062, 0.5739
Android (android.graphics.Color)	4281846567 (0xFF37CB27)
YUV	140.0520, -49.8186, -74.5906
Hunter-Lab	66.0837, -52.7167, 38.0755

Details

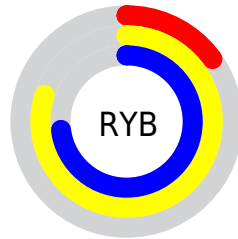
The Hex color **37CB27** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **BB27CB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7CFF62**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **25CB13**, and if you desaturate by 10%, it is **49CB3B**.

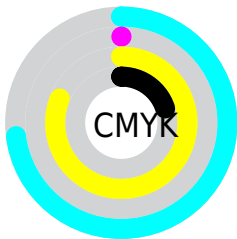
Distribution



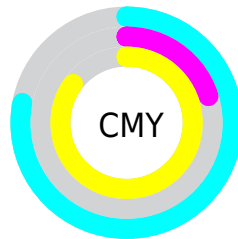
- Red (22%)
- Green (80%)
- Blue (15%)



- Red (15%)
- Yellow (80%)
- Blue (73%)



- Cyan (73%)
- Magenta (0%)
- Yellow (81%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37CB27 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 37CB27 by changing the saturation by 10% instead.



37CB27



37CB27

FFFFFF



00AF00



7CFF62



009300



9BFF7E



007800



BAFF9A



005E00



D9FFB7



004500



F8FFD4



002D00



FFFFF1



000D00



000000



37CB27



37CB27

 25CB13

 49CB3B

 14CB00

 5CCB50

 6ECB64

 80CB78

 93CB8D

 A5CBA1

 B7CBB5

 CACBC9

 DCCBDE

Harmonies

Analogous

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



AABA00



37CB27



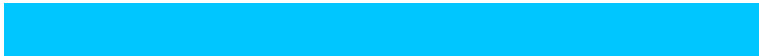
00D384

Triad

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



37CB27



00C6FF



FF4D88

Complementary

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



37CB27



BB27CB

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.



FF54DC



37CB27



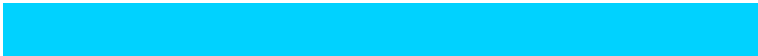
24ABFF

Square

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



37CB27



00D2FF



EB82FF



FF7636

Rectangle

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



37CB27



00D5C0



EB82FF



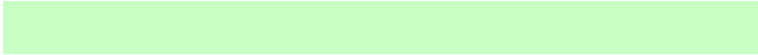
FF48A3

Sweetspot

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



37CB27



C8FFC2



CBBB27



5E805B



000000



808080

Same Dimension

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



37CB27



20FF08



27CB69



5D665C



10A600



042600

Inverse Universe

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



BB27CB



E708FF



CB2789



655C66



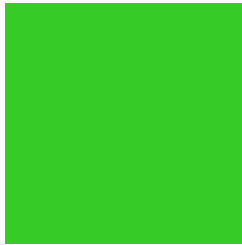
9600A6



230026

Previews

White Background



This preview shows how the Hex color 37CB27 looks on a white background.

Color Contrast Check

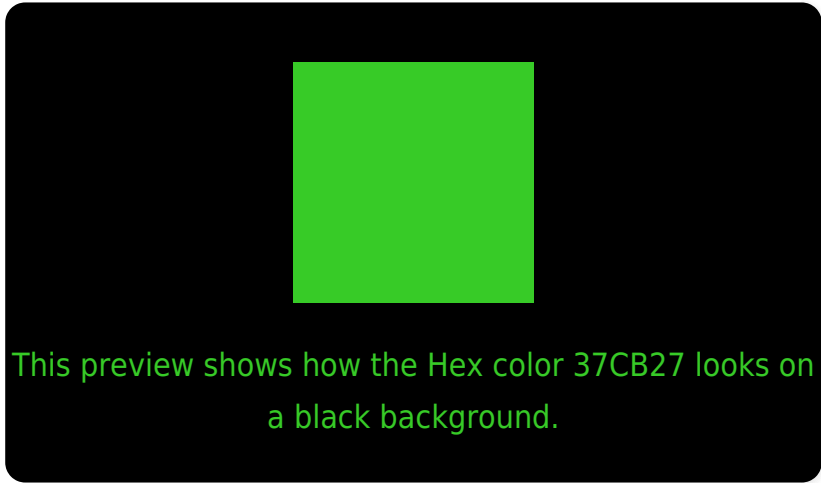
Large Text (above 18pt) WCAG AA × Fail

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

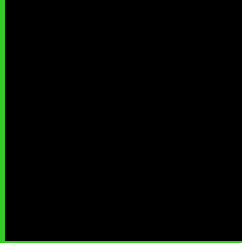
Any Text WCAG AA ✓ Pass

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 37CB27 Background



This preview shows how black text looks on a background with the Hex color 37CB27.

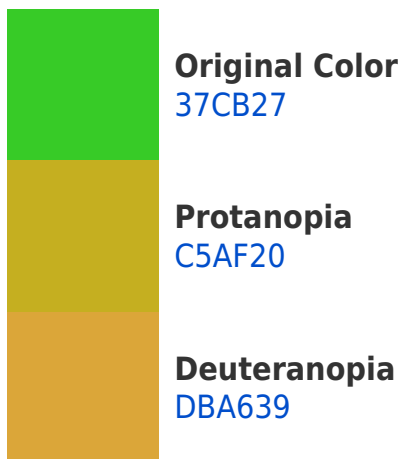


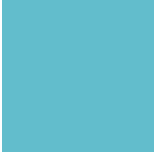
This preview shows how white text looks on a background with the Hex color 37CB27.

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





Trichromacy



Original Color
37CB27



Protanomaly
91B923



Deuteranomaly
9FB332



Tritanomaly
52C290

Monochromacy



Original Color
37CB27



Achromatopsia
8C8C8C



Achromatomaly
6DA367

CSS Examples

Text

The CSS property to change the color of the text to Hex 37CB27 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 #37CB27 looks like.

```
.text, #text, p{  
    color:#37CB27  
}
```

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 #37CB27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37CB27
}
```

Border

The CSS property to change the border of an element to Hex 37CB27 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
#37CB27 }
```

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

```
.border{ border-color:#37CB27 }
```

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

Here you see how a box with a 4 pixel #37CB27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37CB27; -webkit-box-shadow:4px 4px  
4px 4px #37CB27; box-shadow:4px 4px 4px  
4px #37CB27 }
```

Background

The CSS property to change the background color of an element to Hex 37CB27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37CB27 }
```

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

```
.background{ background-color:#37CB27 }
```

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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