

Converting Colors

Hex(379636)

Have a look what the booklet for
Hex(379636) contains.

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Color

Hex(379636)

Conversions

Conversions Part 1

Format	Color
Hex	379636
RGB	55, 150, 54
RGB Percent	22%, 59%, 21%
CMY	0.7843, 0.4118, 0.7882
CMYK	0.63, 0.00, 0.64, 0.41
HSL	119°, 47%, 40%
HSV	119°, 64%, 59%
XYZ	13.1477, 22.8913, 7.2155
YIQ	110.6510, -25.8040, -49.9960

Conversions

Conversions Part 2

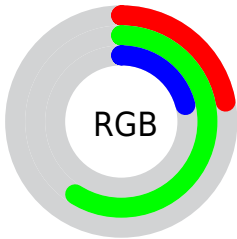
Format	Color
RYB	54, 150, 149
Decimal	3642934
CIELab	54.96, -47.28, 41.41
CIELCh	55, 62.847, 138.783
Yxy	22.8913, 0.3040, 0.5292
Android (android.graphics.Color)	4281833014 (0xFF379636)
YUV	110.6510, -27.9289, -48.8059
Hunter-Lab	47.8448, -34.6766, 24.5498

Details

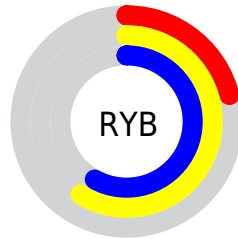
The Hex color **379636** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **953696**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **71CD69**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **289627**, and if you desaturate by 10%, it is **469645**.

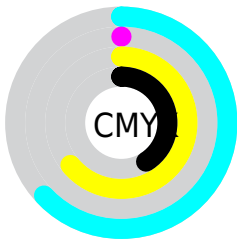
Distribution



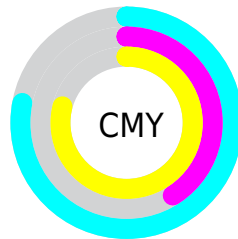
- Red (22%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (58%)



- Cyan (63%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (78%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 379636 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 379636 by changing the saturation by 10% instead.



379636



379636

FFFFFF



127C1C



71CD69



006200



8DEA83



004900



A9FF9E



003200



C6FFB9



001A00



E3FFD5



000000



FFFFF2



379636



379636



289627



469645

■ 199618

■ 559654

■ 0A9609

■ 649663

■ 029600

■ 729672

■ 819681

■ 909690

■ 9F969F

■ AE96AE

■ BD96BD

Harmonies

Analogous

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



7D8B00



379636



009B6D

Triad

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



379636



0090EF



E44E64

Complementary

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



379636



953696

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.



DB4F9A



379636



577EEB

Square

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



379636



0099D5



B065CC



D36232

Rectangle

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



379636



009D93



B065CC



E44B76

Sweetspot

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



379636



9DC29D



969436



4B614B



E0E0E0



616161

Same Dimension

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



379636



2EC22D



369664



434A43



018A00



000A00

Inverse Universe

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



953696



C02DC2



963668



4A434A



88008A



0A000A

Previews

White Background



This preview shows how the Hex color 379636 looks on a white background.

Color Contrast Check

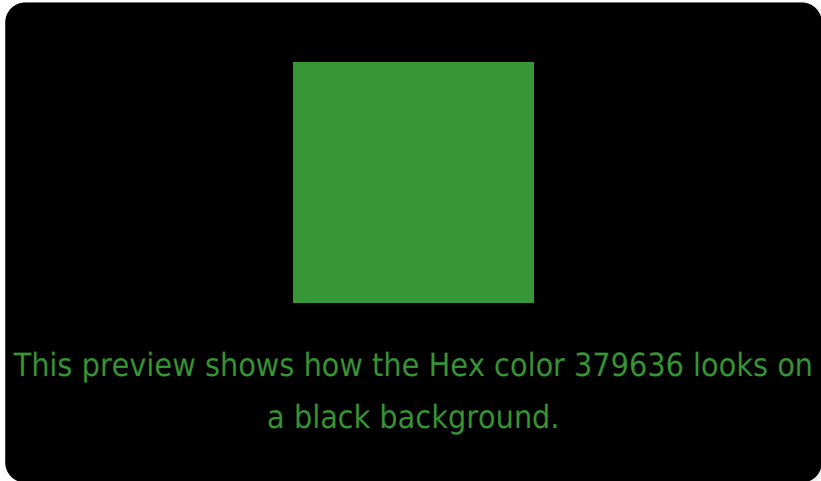
Large Text (above 18pt) WCAG AA ✓ Pass

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

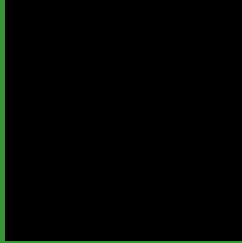
Any Text WCAG AA ✓ Pass

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](#).

Hex 379636 Background



This preview shows how black text looks on a background with the Hex color 379636.



This preview shows how white text looks on a background with the Hex color 379636.

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
379636

Protanopia
928331

Deuteranopia
A17C3E



Tritanopia
4F8C98

Trichromacy



Original Color
379636



Protanomaly
718A33



Deuteranomaly
7A853B



Tritanomaly
469074

Monochromacy



Original Color
379636



Achromatopsia
6F6F6F



Achromatomaly
5B7D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 379636 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 #379636 looks like.

```
.text, #text, p{  
    color:#379636  
}
```

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 #379636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #379636
}
```

Border

The CSS property to change the border of an element to Hex 379636 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
#379636 }
```

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

```
.border{ border-color:#379636 }
```

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

Here you see how a box with a 4 pixel #379636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #379636; -webkit-box-shadow:4px 4px  
4px 4px #379636; box-shadow:4px 4px 4px  
4px #379636 }
```

Background

The CSS property to change the background color of an element to Hex 379636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#379636 }
```

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

```
.background{ background-color:#379636 }
```

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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