

Converting Colors

Hex(79B368)

Have a look what the booklet for
Hex(79B368) contains.

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Color

Hex(79B368)

Conversions

Conversions Part 1

Format	Color
Hex	79B368
RGB	121, 179, 104
RGB Percent	47%, 70%, 41%
CMY	0.5255, 0.2980, 0.5922
CMYK	0.32, 0.00, 0.42, 0.30
HSL	106°, 33%, 55%
HSV	106°, 42%, 70%
XYZ	26.5039, 37.3046, 18.9003
YIQ	153.1080, -10.4930, -35.6210

Conversions

Conversions Part 2

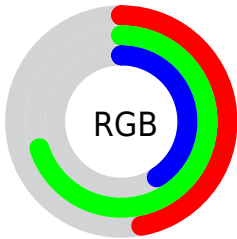
Format	Color
RYB	104, 179, 162
Decimal	7975784
CIELab	67.50, -33.28, 32.41
CIElCh	68, 46.450, 135.758
Yxy	37.3046, 0.3204, 0.4510
Android (android.graphics.Color)	4286165864 (0xFF79B368)
YUV	153.1080, -24.2102, -28.1587
Hunter-Lab	61.0775, -29.4274, 24.4071

Details

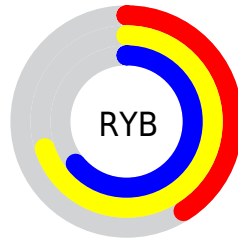
The Hex color **79B368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A268B3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **AFE89C**, and **457E37** is the 20% darker color. If you saturate the color by 10%, you get **6BB356**, and if you desaturate by 10%, it is **87B37A**.

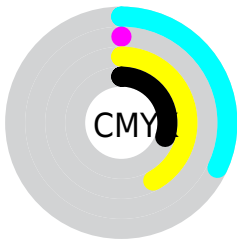
Distribution



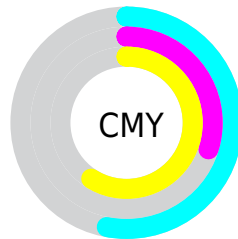
- Red (47%)
- Green (70%)
- Blue (41%)



- Red (41%)
- Yellow (70%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79B368 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 79B368 by changing the saturation by 10% instead.

 79B368

 79B368

FFFFFF

 5F984F

 AFEB9C

 457E37

 CBFFB7

 2B641F

 E8FFD3

 0D4C06

 FFFFF0

 003500

 002100

 000000

 79B368

 79B368

 6BB356

 87B37A

 5DB344

 95B38C

 4FB332

 A3B39E

 42B320

 B0B3B0

 34B30F

 BEB3C2

 29B300

 CCB3D3

 DAB3E5

 E8B3F7

 F6B3FF

Harmonies

Analogous

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



A8A951



79B368



37B98E

Triad

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



79B368



1CAFF5



F48290

Complementary

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



79B368



A268B3

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.



E884BA



79B368



88A1F5

Square

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



79B368



00B7DF



C491DF



EA8C6A

Rectangle

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



79B368



00BAAB



C491DF



F3829E

Sweetspot

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



79B368



D1E8CA



B3A268



677563



F5F5F5



757575

Same Dimension

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



79B368



8EE874



68B37C



525950



239900



061A00

Inverse Universe

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



A268B3



CE74E8



B3689F



575059



760099



14001A

Previews

White Background



This preview shows how the Hex color 79B368 looks on a white background.

Color Contrast Check

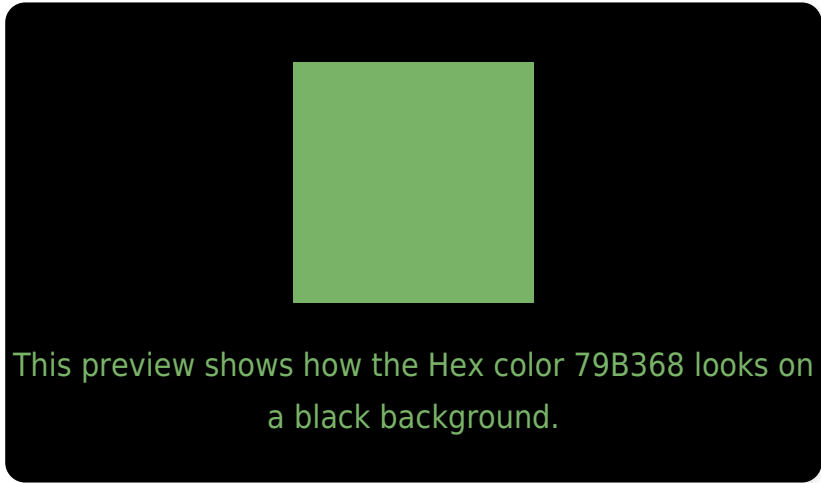
Large Text (above 18pt) WCAG AA × Fail

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 79B368 Background



This preview shows how black text looks on a background with the Hex color 79B368.



This preview shows how white text looks on a background with the Hex color 79B368.

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](#).

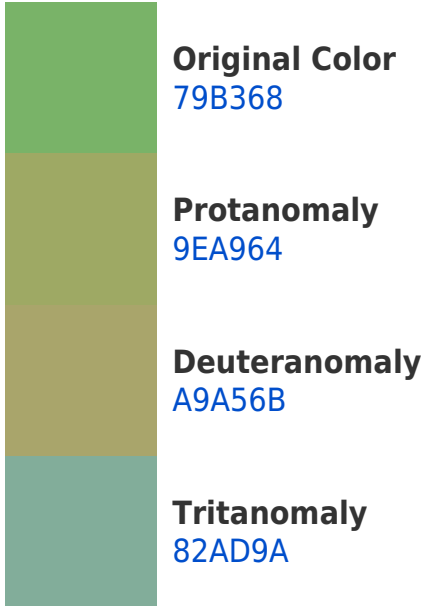
Dichromacy





Tritanopia
87AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79B368 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 #79B368 looks like.

```
.text, #text, p{  
    color:#79B368  
}
```

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 #79B368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B368
}
```

Border

The CSS property to change the border of an element to Hex 79B368 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
#79B368 }
```

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

```
.border{ border-color:#79B368 }
```

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

Here you see how a box with a 4 pixel #79B368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B368; -webkit-box-shadow:4px 4px  
4px 4px #79B368; box-shadow:4px 4px 4px  
4px #79B368 }
```

Background

The CSS property to change the background color of an element to Hex 79B368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B368 }
```

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

```
.background{ background-color:#79B368 }
```

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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