

Converting Colors

Hex(37118F)

Have a look what the booklet for
Hex(37118F) contains.

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Color

Hex(37118F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 37118F |
| RGB | 55, 17, 143 |
| RGB Percent | 22%, 7%, 56% |
| CMY | 0.7843, 0.9333, 0.4392 |
| CMYK | 0.62, 0.88, 0.00, 0.44 |
| HSL | 258°, 79%, 31% |
| HSV | 258°, 88%, 56% |
| XYZ | 6.7339, 3.1963, 26.2486 |
| YIQ | 42.7260, -17.7980, 47.2420 |

Conversions

Conversions Part 2

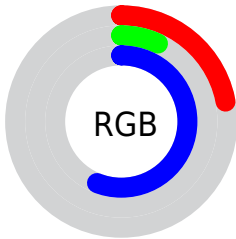
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 55, 17, 143 |
| Decimal | 3608975 |
| CIELab | 20.81, 48.21, -61.00 |
| CIELCh | 21, 77.756, 308.322 |
| Yxy | 3.1963, 0.1861, 0.0883 |
| Android (android.graphics.Color) | 4281799055 (0xFF37118F) |
| YUV | 42.7260, 49.4351, 10.7643 |
| Hunter-Lab | 17.8782, 35.9463, -74.5345 |

Details

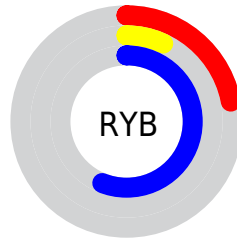
The Hex color **37118F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **698F11**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7244C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **2D038F**, and if you desaturate by 10%, it is **411F8F**.

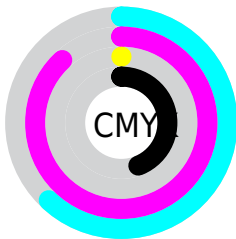
Distribution



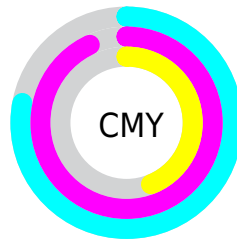
- Red (22%)
- Green (7%)
- Blue (56%)



- Red (22%)
- Yellow (7%)
- Blue (56%)



- Cyan (62%)
- Magenta (88%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37118F 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 37118F by changing the saturation by 10% instead.

■ 37118F

■ 37118F

FFFFFF

■ 110075

■ 7244C6

■ 00005B

■ 8E5DE2

■ 000043

■ AB77FF

■ 00032B

■ C891FF

■ 000116

■ E6ACFF

■ 000000

■ FFC8FF

■ FFE5FF

■ 37118F

■ 37118F

■ 2D038F

■ 411F8F

■ 2B008F

■ 4B2E8F

■ 553C8F

■ 5F4A8F

■ 69588F

■ 73678F

■ 7D758F

■ 87838F

■ 91928F

Harmonies

Analogous

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



0038A8



37118F



7C005E

Triad

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



37118F



5E1C00



004542

Complementary

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



37118F



698F11

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.



004300



37118F



303600

Square

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



37118F



7F0000



003F00



00467A

Rectangle

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



37118F



8B0038



003F00



00442D

Sweetspot

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



37118F



988ABA



11698F



4A415E



DEDEDE



5E5E5E

Same Dimension

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



37118F



3800BA



76118F



424047



290087



020008

Inverse Universe

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



8F1169



BA0082



2A8F11



474045



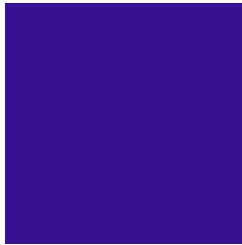
87005E



080005

Previews

White Background



This preview shows how the Hex color 37118F looks on a white background.

Color Contrast Check

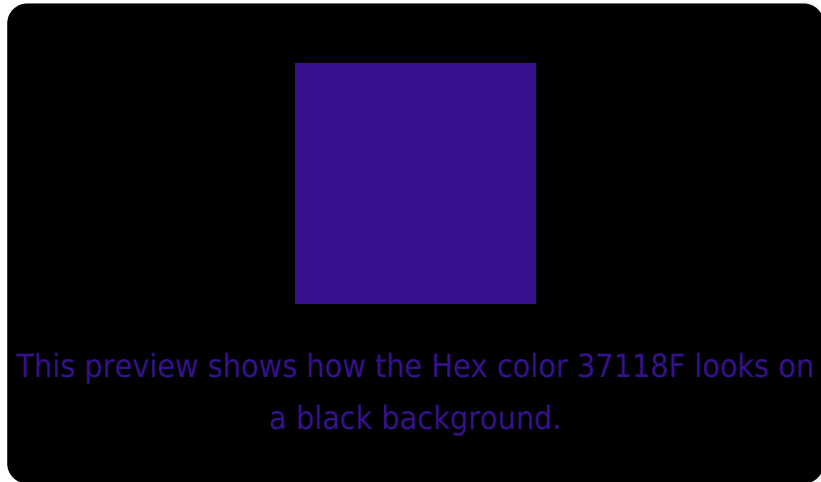
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

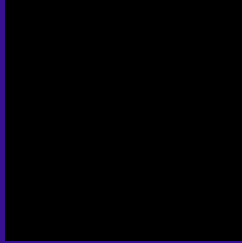
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 37118F Background



This preview shows how black text looks on a background with the Hex color 37118F.



This preview shows how white text looks on a background with the Hex color 37118F.

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
37118F

Protanopia
003268

Deuteranopia
003559

Trichromacy



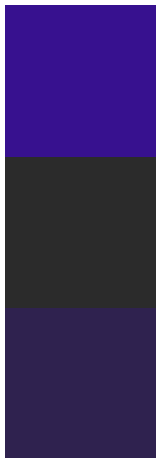
Original Color
37118F

Protanomaly
142676

Deuteranomaly
14286D

Tritanomaly
142A5B

Monochromacy



Original Color
37118F

Achromatopsia
2B2B2B

Achromatomaly
2F224F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37118F 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 #37118F looks like.

```
.text, #text, p{  
    color:#37118F  
}
```

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 #37118F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37118F
}
```

Border

The CSS property to change the border of an element to Hex 37118F is called "border". The border property can be set on classes, ids or directly on the HTML element.

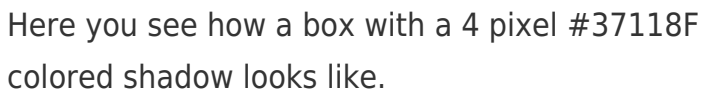
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37118F }
```

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

```
.border{ border-color:#37118F }
```

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



Here you see how a box with a 4 pixel `#37118F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37118F; -webkit-box-shadow:4px 4px  
4px 4px #37118F; box-shadow:4px 4px 4px  
4px #37118F }
```

Background

The CSS property to change the background color of an element to Hex 37118F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37118F }
```

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

```
.background{ background-color:#37118F }
```

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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