

Converting Colors

Hex(42138F)

Have a look what the booklet for
Hex(42138F) contains.

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Color

Hex(42138F)

Conversions

Conversions Part 1

Format	Color
Hex	42138F
RGB	66, 19, 143
RGB Percent	26%, 7%, 56%
CMY	0.7412, 0.9255, 0.4392
CMYK	0.54, 0.87, 0.00, 0.44
HSL	263°, 77%, 32%
HSV	263°, 87%, 56%
XYZ	7.4376, 3.6072, 26.2908
YIQ	47.1890, -11.7920, 48.5280

Conversions

Conversions Part 2

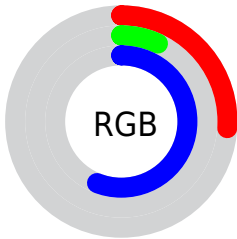
Format	Color
R _{YB}	66, 19, 143
Decimal	4330383
CIE _{Lab}	22.33, 48.66, -58.46
CIE _{LCh}	22, 76.058, 309.771
Yxy	3.6072, 0.1992, 0.0966
Android (android.graphics.Color)	4282520463 (0xFF42138F)
YUV	47.1890, 47.2348, 16.4972
Hunter-Lab	18.9925, 36.6645, -68.7787

Details

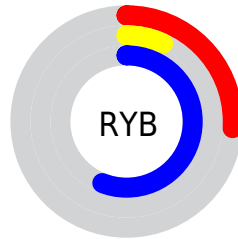
The Hex color **42138F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **608F13**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7B47C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **39058F**, and if you desaturate by 10%, it is **4B218F**.

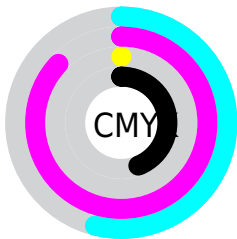
Distribution



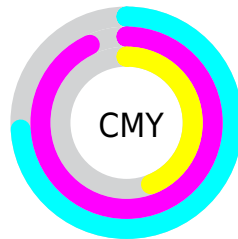
- Red (26%)
- Green (7%)
- Blue (56%)



- Red (26%)
- Yellow (7%)
- Blue (56%)



- Cyan (54%)
- Magenta (87%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42138F 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 42138F by changing the saturation by 10% instead.

■ 42138F

■ 42138F

FFFFFF

■ 230075

■ 7B47C6

■ 00005B

■ 9760E2

■ 000043

■ B47AFF

■ 00032C

■ D194FF

■ 000116

■ EEB0FF

■ 000000

■ FFCCFF

■ FFE8FF

■ 42138F

■ 42138F

■ 39058F

■ 4B218F

■ 36008F

■ 54308F

■ 5D3E8F

■ 664C8F

■ 6E5B8F

■ 77698F

■ 80778F

■ 89858F

■ 92948F

Harmonies

Analogous

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



003AA9



42138F



80005E

Triad

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



42138F



602200



004847

Complementary

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



42138F



608F13

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.



004707



42138F



323A00

Square

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



42138F



810000



004300



00497F

Rectangle

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



42138F



8E0039



004300



004834

Sweetspot

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



42138F



9C8ABA



13628F



4C415E



DEDEDE



5E5E5E

Same Dimension

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



42138F



4700BA



7E138F



434047



330087



030008

Inverse Universe

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



8F1360



BA0074



248F13



474045



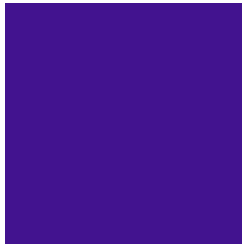
870054



080005

Previews

White Background



This preview shows how the Hex color 42138F looks on a white background.

Color Contrast Check

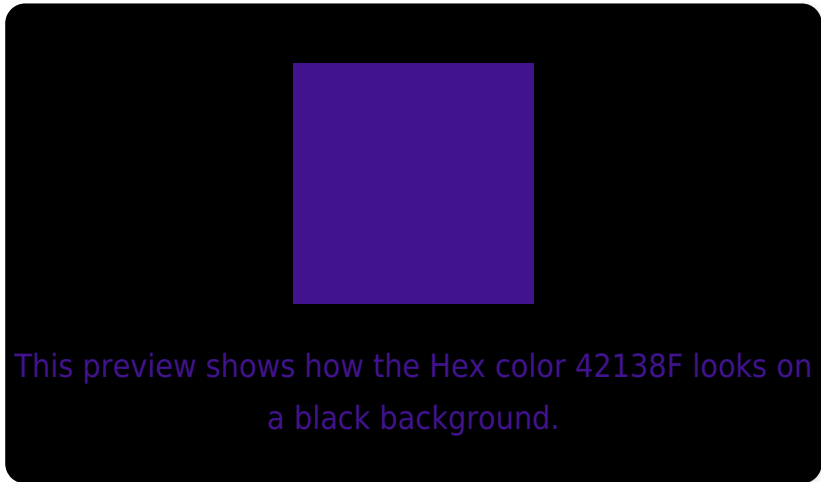
Large Text (above 18pt) WCAG AA ✓ Pass

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

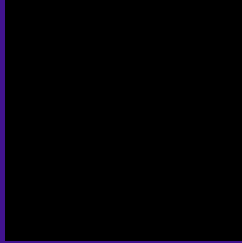
Any Text WCAG AA × Fail

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 42138F Background



This preview shows how black text looks on a background with the Hex color 42138F.

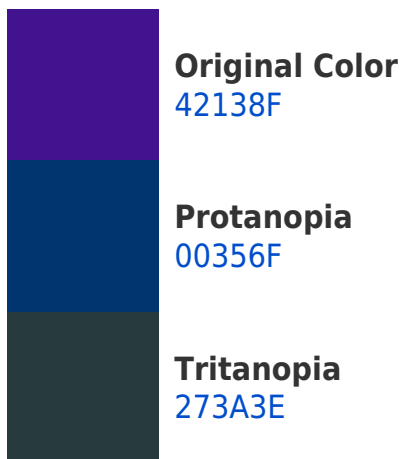


This preview shows how white text looks on a background with the Hex color 42138F.

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

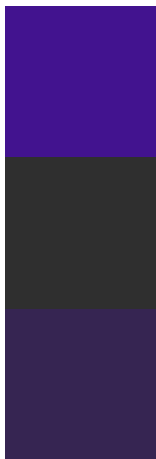


Original Color
42138F

Protanomaly
18297B

Tritanomaly
312C5B

Monochromacy



Original Color
42138F

Achromatopsia
2F2F2F

Achromatomaly
362552

CSS Examples

Text

The CSS property to change the color of the text to Hex 42138F 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 #42138F looks like.

```
.text, #text, p{  
    color:#42138F  
}
```

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 #42138F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42138F
}
```

Border

The CSS property to change the border of an element to Hex 42138F is called "border". The border property can be set on classes, ids or directly on the HTML element.

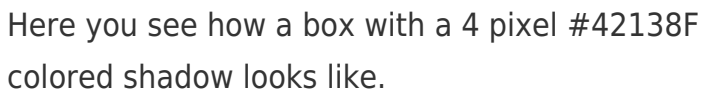
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42138F }
```

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

```
.border{ border-color:#42138F }
```

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



Here you see how a box with a 4 pixel #42138F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42138F; -webkit-box-shadow:4px 4px  
4px 4px #42138F; box-shadow:4px 4px 4px  
4px #42138F }
```

Background

The CSS property to change the background color of an element to Hex 42138F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42138F }
```

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

```
.background{ background-color:#42138F }
```

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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