

Converting Colors

Hex(138CAF)

Have a look what the booklet for
Hex(138CAF) contains.

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Color

Hex(138CAF)

Conversions

Conversions Part 1

Format	Color
Hex	138CAF
RGB	19, 140, 175
RGB Percent	7%, 55%, 69%
CMY	0.9255, 0.4510, 0.3137
CMYK	0.89, 0.20, 0.00, 0.31
HSL	193°, 80%, 38%
HSV	193°, 89%, 69%
XYZ	17.3845, 21.9898, 43.8856
YIQ	107.8110, -83.3510, -14.7670

Conversions

Conversions Part 2

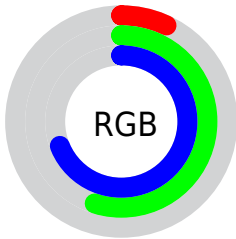
Format	Color
R_{YB}	19, 87, 175
Decimal	1281199
CIE _{Lab}	54.02, -17.97, -27.02
CIE _{LCh}	54, 32.450, 236.368
Yxy	21.9898, 0.2088, 0.2641
Android (android.graphics.Color)	4279471279 (0xFF138CAF)
YUV	107.8110, 33.1242, -77.8872
Hunter-Lab	46.8932, -15.8887, -22.6620

Details

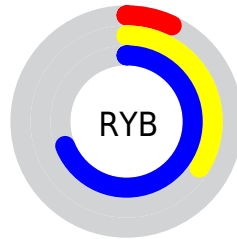
The Hex color **138CAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF3613**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61C2E7**, and **005A7A** is the 20% darker color. If you saturate the color by 10%, you get **0188AF**, and if you desaturate by 10%, it is **2590AF**.

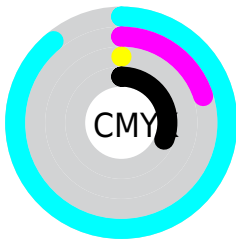
Distribution



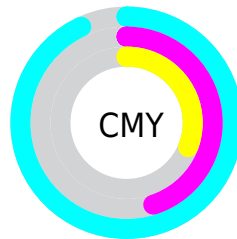
- Red (7%)
- Green (55%)
- Blue (69%)



- Red (7%)
- Yellow (34%)
- Blue (69%)



- Cyan (89%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138CAF 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 138CAF by changing the saturation by 10% instead.

■ 138CAF

■ 138CAF

FFFFFF

■ 007294

■ 61C2E7

■ 005A7A

■ 7FDEFF

■ 004261

■ 9DFAFF

■ 002C49

■ BBFFFF

■ 001933

■ D9FFFF

■ 00021D

■ F7FFFF

■ 000000

■ 138CAF

■ 138CAF

■ 0188AF

■ 2590AF

■ 0088AF

■ 3694AF

■ 4898AF

■ 599CAF

■ 6AA0AF

■ 7CA4AF

■ 8EA7AF

■ 9FABAF

■ B1AFAF

Harmonies

Analogous

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



009099



138CAF



5185B9

Triad

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



138CAF



B46B86



7A874E

Complementary

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



138CAF



AF3613

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.



967E49



138CAF



B76D6A

Square

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



138CAF



A171A1



AC7453



598D61

Rectangle

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



138CAF



717FB7



AC7453



84844A

Sweetspot

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



138CAF



A6D5E3



13AF35



4E6B73



F2F2F2



737373

Same Dimension

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



138CAF



00B0E3



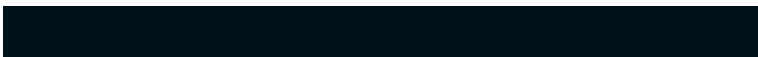
133FAF



4E5557



007596



001217

Inverse Universe

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



AF138C



E300B0



AF8313



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 138CAF looks on a white background.

Color Contrast Check

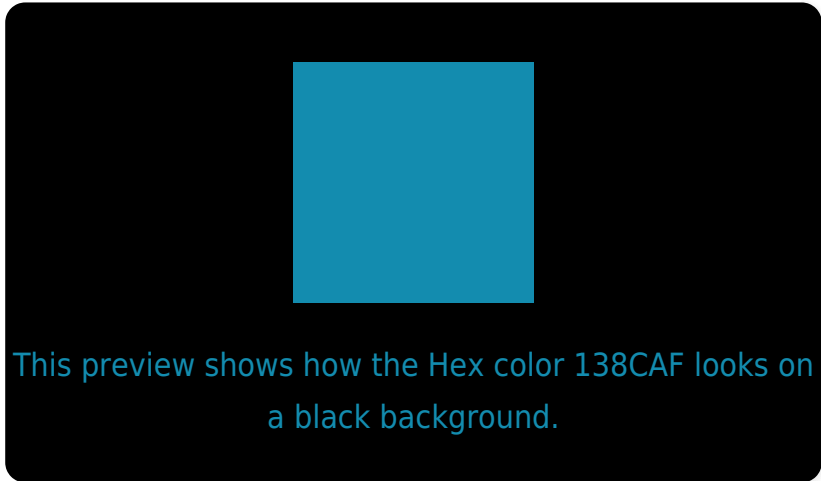
Large Text (above 18pt) WCAG AA ✓ Pass

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

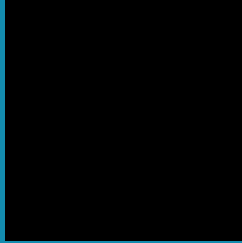
Any Text WCAG AA ✓ Pass

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 138CAF Background



This preview shows how black text looks on a background with the Hex color 138CAF.

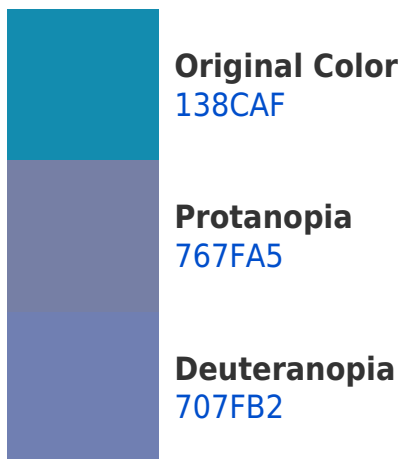


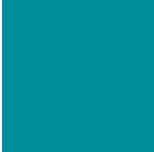
This preview shows how white text looks on a background with the Hex color 138CAF.

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](#).

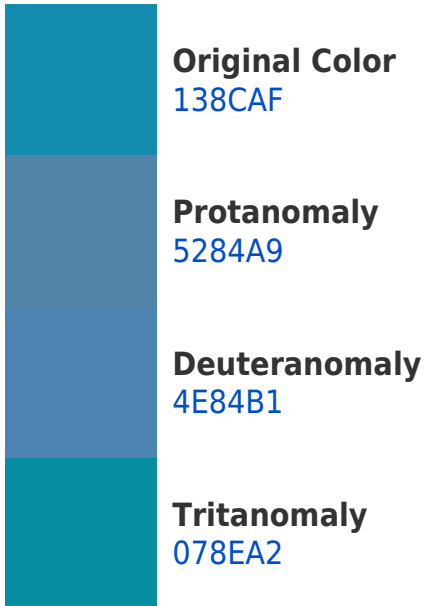
Dichromacy



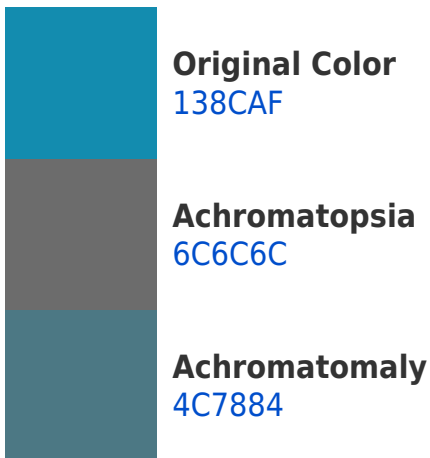


Tritanopia
008F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 138CAF 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 #138CAF looks like.

```
.text, #text, p{  
    color:#138CAF  
}
```

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 #138CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138CAF
}
```

Border

The CSS property to change the border of an element to Hex 138CAF 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
#138CAF }
```

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

```
.border{ border-color:#138CAF }
```

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

Here you see how a box with a 4 pixel #138CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138CAF; -webkit-box-shadow:4px 4px  
4px 4px #138CAF; box-shadow:4px 4px 4px  
4px #138CAF }
```

Background

The CSS property to change the background color of an element to Hex 138CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138CAF }
```

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

```
.background{ background-color:#138CAF }
```

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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