

Converting Colors

Hex(128E71)

Have a look what the booklet for
Hex(128E71) contains.

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Color

Hex(128E71)

Conversions

Conversions Part 1

Format	Color
Hex	128E71
RGB	18, 142, 113
RGB Percent	7%, 56%, 44%
CMY	0.9294, 0.4431, 0.5569
CMYK	0.87, 0.00, 0.20, 0.44
HSL	166°, 78%, 31%
HSV	166°, 87%, 56%
XYZ	12.9031, 20.6669, 18.9318
YIQ	101.6180, -64.5950, -35.3070

Conversions

Conversions Part 2

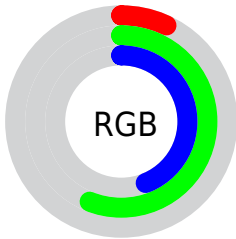
Format	Color
R_{YB}	18, 88, 142
Decimal	1216113
CIE _{Lab}	52.58, -38.64, 6.62
CIE _{LCh}	53, 39.205, 170.281
Yxy	20.6669, 0.2458, 0.3936
Android (android.graphics.Color)	4279406193 (0xFF128E71)
YUV	101.6180, 5.6113, -73.3330
Hunter-Lab	45.4608, -28.8930, 7.1317

Details

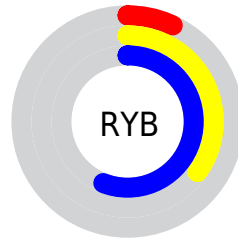
The Hex color **128E71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E122F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59C5A5**, and **005B41** is the 20% darker color. If you saturate the color by 10%, you get **048E6E**, and if you desaturate by 10%, it is **208E74**.

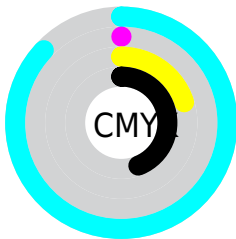
Distribution



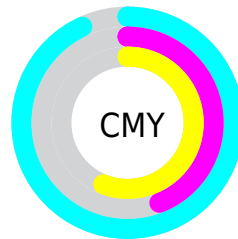
- Red (7%)
- Green (56%)
- Blue (44%)



- Red (7%)
- Yellow (35%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 128E71 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 128E71 by changing the saturation by 10% instead.

 128E71

 128E71

FFFFFF

 007459

 59C5A5

 005B41

 76E1C0

 00422B

 93FEDC

 002C17

 B0FFF8

 001000

 CDFFFF

 000000

 EAFFFF

 128E71

 128E71

 048E6E

 208E74

■ 008E6D

■ 2E8E78

■ 3D8E7B

■ 4B8E7E

■ 598E82

■ 678E85

■ 758E88

■ 848E8C

■ 928E8F

Harmonies

Analogous

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



548A51



128E71



008F94

Triad

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



128E71



6F79BD



B36C4B

Complementary

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



128E71



8E122F

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.



BD6368



128E71



9C6CA9

Square

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



128E71



2184BF



B6638A



9B783A

Rectangle

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



128E71



008DA8



B6638A



B86854

Sweetspot

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



128E71



88B8AC



318E12



3F5C55



DBDBDB



5C5C5C

Same Dimension

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



128E71



00B88D



126F8E



404746



008768



000806

Inverse Universe

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



8E122F



B8002B



8E3112



474042



870020



080002

Previews

White Background



This preview shows how the Hex color 128E71 looks on a white background.

Color Contrast Check

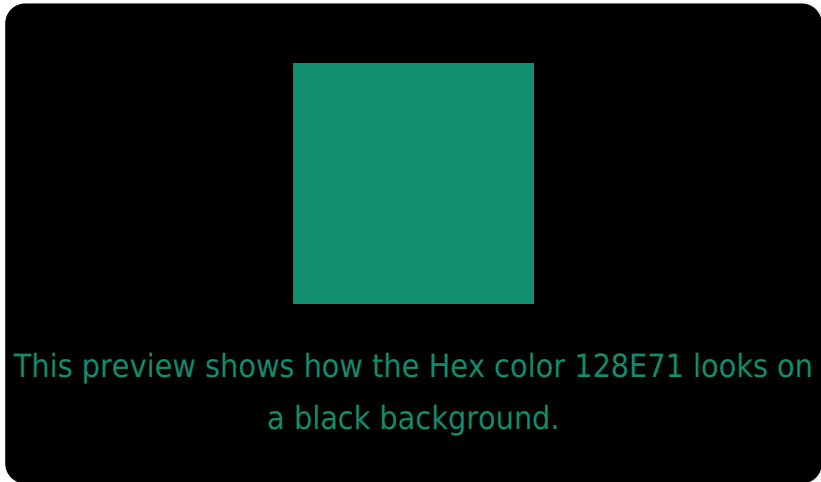
Large Text (above 18pt) WCAG AA ✓ Pass

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

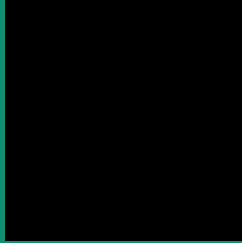
Any Text WCAG AA ✓ Pass

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 128E71 Background



This preview shows how black text looks on a background with the Hex color 128E71.

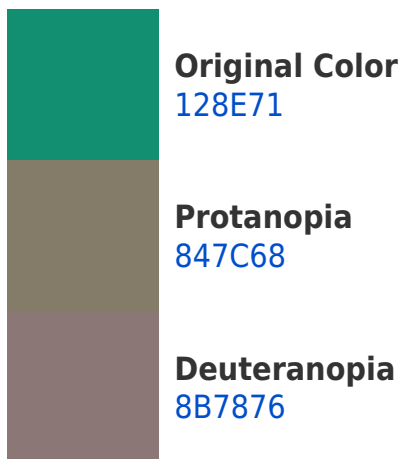


This preview shows how white text looks on a background with the Hex color 128E71.

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
2E8994

Trichromacy



Original Color
128E71



Protanomaly
5B836B



Deuteranomaly
5F8074



Tritanomaly
248B87

Monochromacy



Original Color
128E71



Achromatopsia
666666



Achromatomaly
47756A

CSS Examples

Text

The CSS property to change the color of the text to Hex 128E71 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 #128E71 looks like.

```
.text, #text, p{  
    color:#128E71  
}
```

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 #128E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #128E71  
}
```

Border

The CSS property to change the border of an element to Hex 128E71 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  
#128E71 }
```

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

```
.border{ border-color:#128E71 }
```

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

Here you see how a box with a 4 pixel #128E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #128E71; -webkit-box-shadow:4px 4px  
4px 4px #128E71; box-shadow:4px 4px 4px  
4px #128E71 }
```

Background

The CSS property to change the background color of an element to Hex 128E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#128E71 }
```

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

```
.background{ background-color:#128E71 }
```

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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