

Converting Colors

Hex(129091)

Have a look what the booklet for
Hex(129091) contains.

Hex(129091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(129091)

Conversions

Conversions Part 1

Format	Color
Hex	129091
RGB	18, 144, 145
RGB Percent	7%, 56%, 57%
CMY	0.9294, 0.4353, 0.4314
CMYK	0.88, 0.01, 0.00, 0.43
HSL	180°, 78%, 32%
HSV	180°, 88%, 57%
XYZ	15.3335, 22.1194, 30.2494
YIQ	106.4400, -75.4170, -26.4010

Conversions

Conversions Part 2

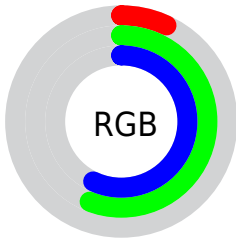
Format	Color
R_{YB}	18, 81, 145
Decimal	1216657
CIE _{Lab}	54.15, -30.20, -9.55
CIE _{LCh}	54, 31.670, 197.545
Yxy	22.1194, 0.2265, 0.3267
Android (android.graphics.Color)	4279406737 (0xFF129091)
YUV	106.4400, 19.0101, -77.5619
Hunter-Lab	47.0313, -24.1087, -5.2119

Details

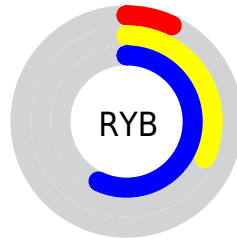
The Hex color **129091** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **911312**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5CC6C7**, and **005D5F** is the 20% darker color. If you saturate the color by 10%, you get **039091**, and if you desaturate by 10%, it is **209091**.

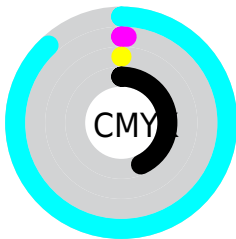
Distribution



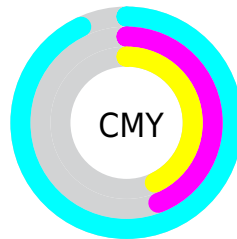
- Red (7%)
- Green (56%)
- Blue (57%)



- Red (7%)
- Yellow (32%)
- Blue (57%)



- Cyan (88%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (93%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129091 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 129091 by changing the saturation by 10% instead.

 129091

 129091

FFFFFF

 007677

 5CC6C7

 005D5F

 7AE3E3

 004547

 97FFFF

 002E31

 B5FFFF

 00181C

 D2FFFF

 000000

 F0FFFF

 129091

 129091

 039091

 209091

■ 009091

■ 2F9091

■ 3D9091

■ 4C9091

■ 5B9191

■ 699191

■ 779191

■ 869191

■ 949191

Harmonies

Analogous

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



408F75



129091



098DA9

Triad

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



129091



9875A7



9D7C4C

Complementary

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



129091



911312

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.



B0735A



129091



AF6D8E

Square

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



129091



747FB5



B76D72



83854C

Rectangle

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



129091



338AB3



B76D72



A5794F

Sweetspot

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



129091



8CBCBD



129112



415E5E



DEDEDE



5E5E5E

Same Dimension

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



129091



00BBBD



125191



404747



008687



000808

Inverse Universe

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



911290



BD00BB



915112



474047



870086



080008

Previews

White Background



This preview shows how the Hex color 129091 looks on a white background.

Color Contrast Check

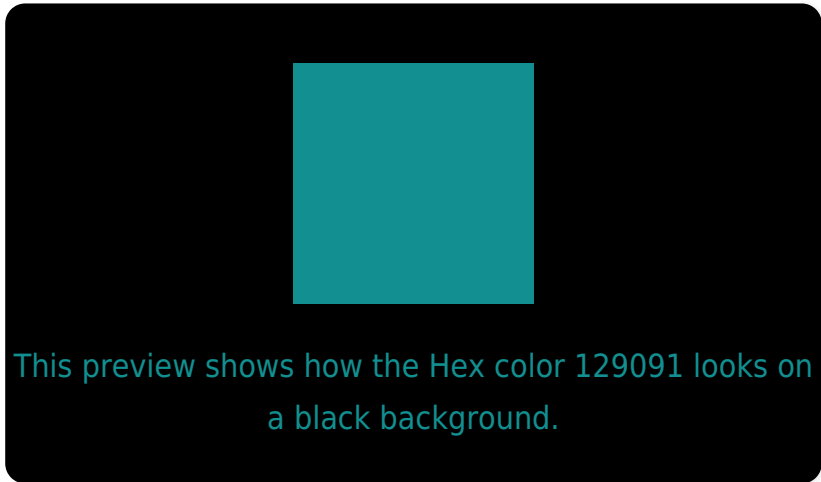
Large Text (above 18pt) WCAG AA ✓ Pass

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

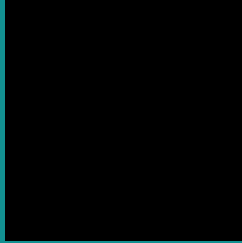
Any Text WCAG AA ✓ Pass

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 129091 Background



This preview shows how black text looks on a background with the Hex color 129091.

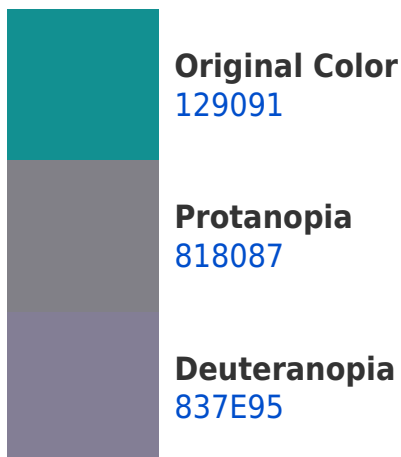


This preview shows how white text looks on a background with the Hex color 129091.

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
1E8F9A

Trichromacy



Original Color
129091



Protanomaly
59868B



Deuteranomaly
5A8594



Tritanomaly
1A8F97

Monochromacy



Original Color
129091



Achromatopsia
6A6A6A



Achromatomaly
4A7878

CSS Examples

Text

The CSS property to change the color of the text to Hex 129091 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 #129091 looks like.

```
.text, #text, p{  
    color:#129091  
}
```

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 #129091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129091
}
```

Border

The CSS property to change the border of an element to Hex 129091 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
#129091 }
```

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

```
.border{ border-color:#129091 }
```

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

Here you see how a box with a 4 pixel #129091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129091; -webkit-box-shadow:4px 4px  
4px 4px #129091; box-shadow:4px 4px 4px  
4px #129091 }
```

Background

The CSS property to change the background color of an element to Hex 129091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129091 }
```

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

```
.background{ background-color:#129091 }
```

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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