

Converting Colors

Hex(21094C)

Have a look what the booklet for
Hex(21094C) contains.

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Color

Hex(21094C)

Conversions

Conversions Part 1

Format	Color
Hex	21094C
RGB	33, 9, 76
RGB Percent	13%, 4%, 30%
CMY	0.8706, 0.9647, 0.7020
CMYK	0.57, 0.88, 0.00, 0.70
HSL	261°, 79%, 17%
HSV	261°, 88%, 30%
XYZ	2.0294, 1.0405, 6.9314
YIQ	23.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

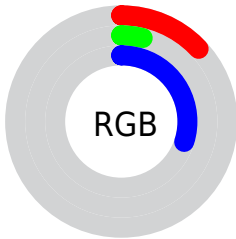
Format	Color
R_{YB}	33, 9, 76
Decimal	2165068
CIE Lab	9.32, 29.55, -36.19
CIE LCh	9, 46.728, 309.233
Yxy	1.0405, 0.2029, 0.1040
Android (android.graphics.Color)	4280355148 (0xFF21094C)
YUV	23.8140, 25.7277, 8.0561
Hunter-Lab	10.2005, 17.6616, -33.1477

Details

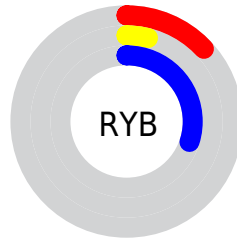
The Hex color **21094C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **344C09**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **53367E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **1C014C**, and if you desaturate by 10%, it is **26114C**.

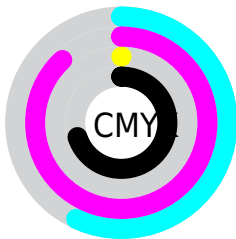
Distribution



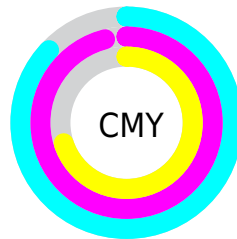
- Red (13%)
- Green (4%)
- Blue (30%)



- Red (13%)
- Yellow (4%)
- Blue (30%)



- Cyan (57%)
- Magenta (88%)
- Yellow (0%)
- Black (70%)




- Cyan (87%)
- Magenta (96%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21094C 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 21094C by changing the saturation by 10% instead.

 21094C

 21094C

 FFECFF

 0E0035

 53367E

 00021F

 6D4D98

 000001

 8766B3

 000000

 A27FCF

 BE99EB

 DBB4FF

 F7D0FF

 21094C

 21094C

■ 1C014C

■ 26114C

■ 1B004C

■ 2B184C

■ 30204C

■ 35274C

■ 392F4C

■ 3E374C

■ 433E4C

■ 48464C

■ 4D4D4C

Harmonies

Analogous

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



001C5A



21094C



440031

Triad

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



21094C



330F00



002723

Complementary

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



21094C



344C09

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.



002600



21094C



191C00

Square

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



21094C



450000



002300



002842

Rectangle

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



21094C



4C001D



002300



002718

Sweetspot

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



21094C



534A63



09354C



292333



B3B3B3



333333

Same Dimension

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



21094C



240063



42094C



242226



250066



5200E6

Inverse Universe

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



4C0934



630040



134C09



262225



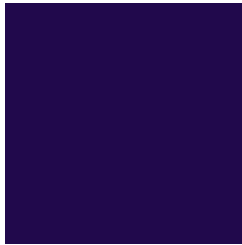
660041



E60093

Previews

White Background



This preview shows how the Hex color 21094C looks on a white background.

Color Contrast Check

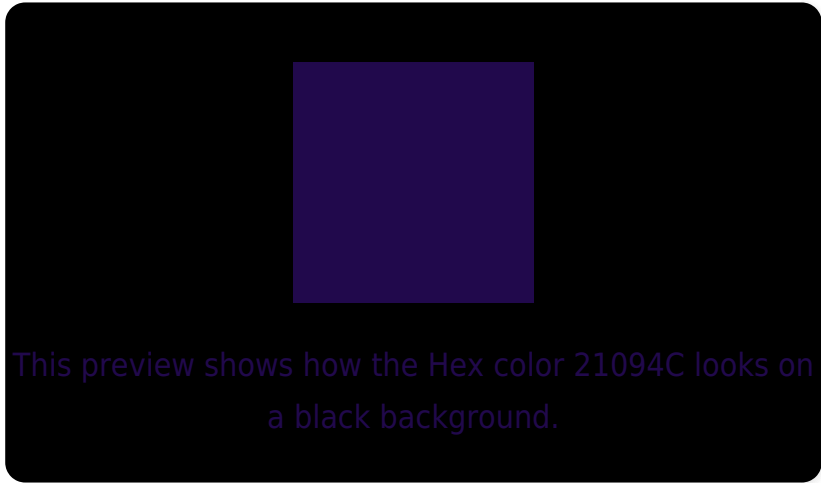
Large Text (above 18pt) WCAG AA ✓ Pass

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

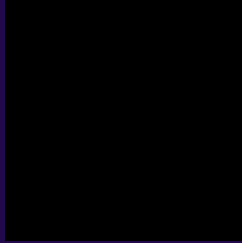
Any Text WCAG AA × Fail

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 21094C Background



This preview shows how black text looks on a background with the Hex color 21094C.



This preview shows how white text looks on a background with the Hex color 21094C.

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
21094C

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
111E21

Trichromacy



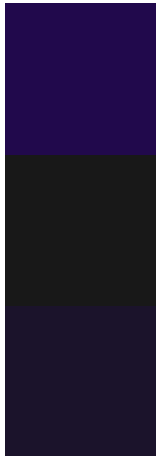
Original Color
21094C

Protanomaly
0C1440

Deuteranomaly
0C163B

Tritanomaly
171631

Monochromacy



Original Color
21094C

Achromatopsia
181818

Achromatomaly
1B132B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21094C 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 #21094C looks like.

```
.text, #text, p{  
    color:#21094C  
}
```

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 #21094C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21094C
}
```

Border

The CSS property to change the border of an element to Hex 21094C 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
#21094C }
```

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

```
.border{ border-color:#21094C }
```

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

Here you see how a box with a 4 pixel #21094C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21094C; -webkit-box-shadow:4px 4px  
4px 4px #21094C; box-shadow:4px 4px 4px  
4px #21094C }
```

Background

The CSS property to change the background color of an element to Hex 21094C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21094C }
```

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

```
.background{ background-color:#21094C }
```

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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