

Converting Colors

Hex(17294C)

Have a look what the booklet for
Hex(17294C) contains.

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Color

Hex(17294C)

Conversions

Conversions Part 1

Format	Color
Hex	17294C
RGB	23, 41, 76
RGB Percent	9%, 16%, 30%
CMY	0.9098, 0.8392, 0.7020
CMYK	0.70, 0.46, 0.00, 0.70
HSL	220°, 54%, 19%
HSV	220°, 70%, 30%
XYZ	2.4508, 2.2898, 7.1503
YIQ	39.6080, -21.9630, 7.0690

Conversions

Conversions Part 2

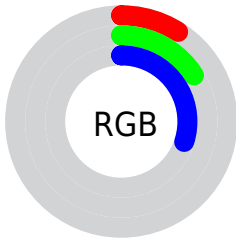
Format	Color
R_{YB}	23, 36, 76
Decimal	1517900
CIE Lab	16.94, 5.73, -23.90
CIE LCh	17, 24.574, 283.489
Yxy	2.2898, 0.2061, 0.1926
Android (android.graphics.Color)	4279707980 (0xFF17294C)
YUV	39.6080, 17.9413, -14.5652
Hunter-Lab	15.1322, 2.4283, -17.4232

Details

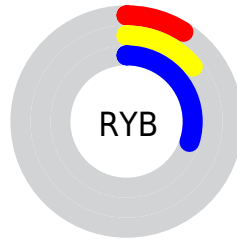
The Hex color **17294C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C3A17**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **48567D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **0F244C**, and if you desaturate by 10%, it is **1F2E4C**.

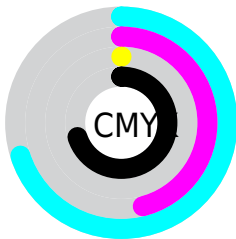
Distribution



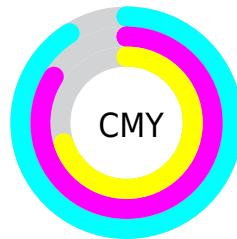
- Red (9%)
- Green (16%)
- Blue (30%)



- Red (9%)
- Yellow (14%)
- Blue (30%)



- Cyan (70%)
- Magenta (46%)
- Yellow (0%)
- Black (70%)



- Cyan (91%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17294C 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 17294C by changing the saturation by 10% instead.

■ 17294C

■ 17294C

FFFFFF

■ 001535

■ 48567D

■ 000220

■ 616E97

■ 000003

■ 7B87B2

■ 000000

■ 96A1CE

■ B1BCEA

■ CDD8FF

■ E9F5FF

■ 17294C

■ 17294C

■ 0F244C

■ 1F2E4C

■ 081F4C

■ 26334C

■ 001A4C

■ 2E384C

■ 353D4C

■ 3D424C

■ 45474C

■ 4C4C4C

■ 54514C

■ 5B564C

Harmonies

Analogous

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



002E4B



17294C



352243

Triad

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



17294C



461E12



00321F

Complementary

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



17294C



4C3A17

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.



182F0E



17294C



3B2503

Square

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



17294C



4A1A23



2C2B01



003231

Rectangle

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



17294C



411D3A



2C2B01



033119

Sweetspot

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



17294C



4F5663



174C39



262B33



B3B3B3



333333

Same Dimension

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



17294C



102C63



1F174C



222426



002366



004EE6

Inverse Universe

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



4C1729



63102C



444C17



262224



660023



E6004E

Previews

White Background



This preview shows how the Hex color 17294C looks on a white background.

Color Contrast Check

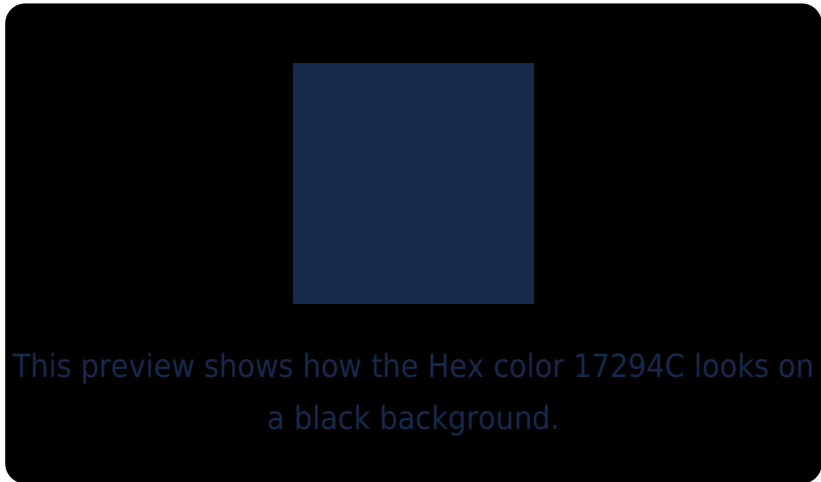
Large Text (above 18pt) WCAG AA ✓ Pass

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

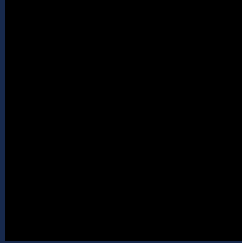
Any Text WCAG AA × Fail

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 17294C Background



This preview shows how black text looks on a background with the Hex color 17294C.



This preview shows how white text looks on a background with the Hex color 17294C.

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
17294C

Protanopia
19294C

Deuteranopia
042B4C



Tritanopia
002F32

Trichromacy



Original Color
17294C

Protanomaly
18294C

Deuteranomaly
0B2A4C

Tritanomaly
082D3B

Monochromacy



Original Color
17294C

Achromatopsia
282828

Achromatomaly
222835

CSS Examples

Text

The CSS property to change the color of the text to Hex 17294C 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 #17294C looks like.

```
.text, #text, p{  
    color:#17294C  
}
```

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 #17294C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17294C
}
```

Border

The CSS property to change the border of an element to Hex 17294C is called "border". The border property can be set on classes, ids or directly on the HTML element.

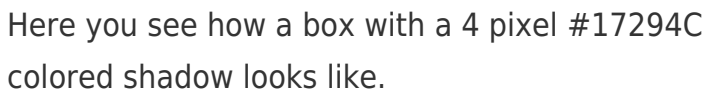
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17294C }
```

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

```
.border{ border-color:#17294C }
```

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



Here you see how a box with a 4 pixel #17294C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17294C; -webkit-box-shadow:4px 4px  
4px 4px #17294C; box-shadow:4px 4px 4px  
4px #17294C }
```

Background

The CSS property to change the background color of an element to Hex 17294C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17294C }
```

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

```
.background{ background-color:#17294C }
```

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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