

Converting Colors

Hex(18294B)

Have a look what the booklet for
Hex(18294B) contains.

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Color

Hex(18294B)

Conversions

Conversions Part 1

Format	Color
Hex	18294B
RGB	24, 41, 75
RGB Percent	9%, 16%, 29%
CMY	0.9059, 0.8392, 0.7059
CMYK	0.68, 0.45, 0.00, 0.71
HSL	220°, 52%, 19%
HSV	220°, 68%, 29%
XYZ	2.4396, 2.2881, 6.9697
YIQ	39.7930, -21.0460, 6.9700

Conversions

Conversions Part 2

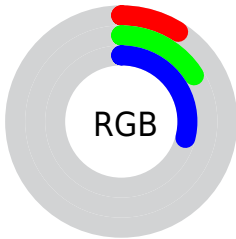
Format	Color
R_{YB}	24, 37, 75
Decimal	1583435
CIE Lab	16.93, 5.54, -23.23
CIE LCh	17, 23.878, 283.425
Yxy	2.2881, 0.2086, 0.1956
Android (android.graphics.Color)	4279773515 (0xFF18294B)
YUV	39.7930, 17.3571, -13.8505
Hunter-Lab	15.1264, 2.3179, -16.7302

Details

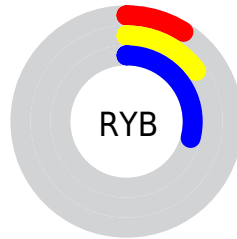
The Hex color **18294B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B3A18**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **49567C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **10244B**, and if you desaturate by 10%, it is **202E4B**.

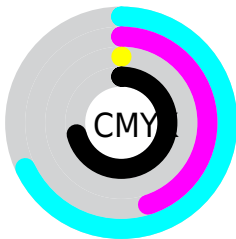
Distribution



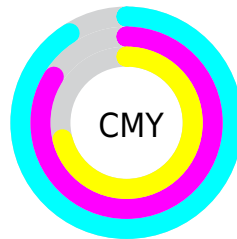
- Red (9%)
- Green (16%)
- Blue (29%)



- Red (9%)
- Yellow (15%)
- Blue (29%)



- Cyan (68%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18294B 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 18294B by changing the saturation by 10% instead.

■ 18294B

■ 18294B

FFFFFF

■ 001534

■ 49567C

■ 00021F

■ 626E96

■ 000002

■ 7C87B1

■ 000000

■ 96A2CC

■ B1BDE9

■ CDD8FF

■ EAF5FF

■ 18294B

■ 18294B

■ 10244B

■ 202E4B

■ 091F4B

■ 27334B

■ 021A4B

■ 2F384B

■ 00194B

■ 363D4B

■ 3E424B

■ 45474B

■ 4D4C4B

■ 54514B

■ 5C564B

Harmonies

Analogous

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



002E4A



18294B



352243

Triad

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



18294B



451F13



00311F

Complementary

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



18294B



4B3A18

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.



192F0F



18294B



3B2505

Square

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



18294B



491A23



2C2B03



003231

Rectangle

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



18294B



401D39



2C2B03



05311A

Sweetspot

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



18294B



4E5461



184B3A



252930



B0B0B0



303030

Same Dimension

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



18294B



112C61



20184B



222426



002266



004CE6

Inverse Universe

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



4B1829



61112C



434B18



262224



660022



E6004C

Previews

White Background



This preview shows how the Hex color 18294B looks on a white background.

Color Contrast Check

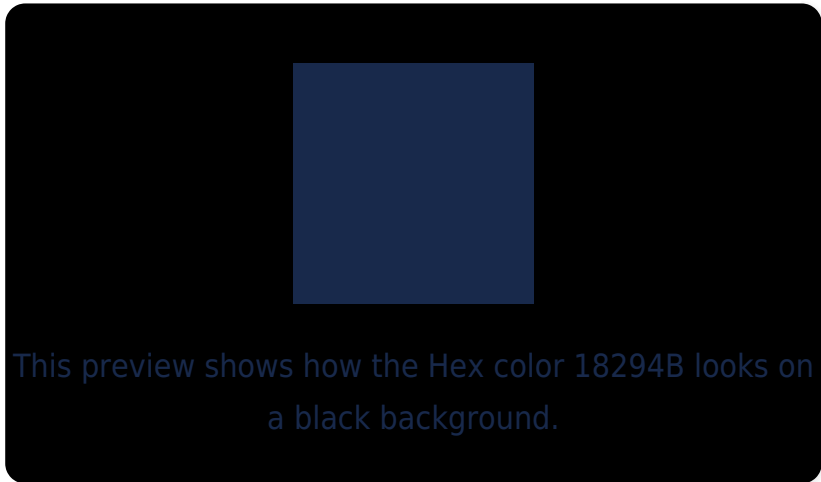
Large Text (above 18pt) WCAG AA ✓ Pass

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

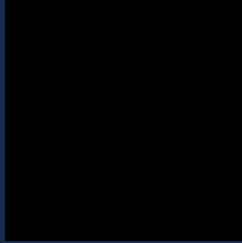
Any Text WCAG AA × Fail

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 18294B Background



This preview shows how black text looks on a background with the Hex color 18294B.



This preview shows how white text looks on a background with the Hex color 18294B.

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

18294B

Protanopia

1A294B

Deuteranopia

0B2B4B

Trichromacy



Original Color
18294B

Protanomaly
19294B

Deuteranomaly
102A4B

Tritanomaly
092D3B

Monochromacy



Original Color
18294B

Achromatopsia
282828

Achromatomaly
222835

CSS Examples

Text

The CSS property to change the color of the text to Hex 18294B 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 #18294B looks like.

```
.text, #text, p{  
    color:#18294B  
}
```

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 #18294B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18294B  
}
```

Border

The CSS property to change the border of an element to Hex 18294B 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  
#18294B }
```

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

```
.border{ border-color:#18294B }
```

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

Here you see how a box with a 4 pixel #18294B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18294B; -webkit-box-shadow:4px 4px  
4px 4px #18294B; box-shadow:4px 4px 4px  
4px #18294B }
```

Background

The CSS property to change the background color of an element to Hex 18294B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18294B }
```

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

```
.background{ background-color:#18294B }
```

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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