

Converting Colors

Hex(23194B)

Have a look what the booklet for
Hex(23194B) contains.

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Color

Hex(23194B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 23194B |
| RGB | 35, 25, 75 |
| RGB Percent | 14%, 10%, 29% |
| CMY | 0.8627, 0.9020, 0.7059 |
| CMYK | 0.53, 0.67, 0.00, 0.71 |
| HSL | 252°, 50%, 20% |
| HSV | 252°, 67%, 29% |
| XYZ | 2.3108, 1.5606, 6.8360 |
| YIQ | 33.6900, -10.0900, 17.6700 |

Conversions

Conversions Part 2

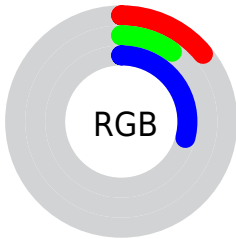
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 35, 25, 75 |
| Decimal | 2300235 |
| CIE _{Lab} | 12.99, 19.90, -29.51 |
| CIE _{LCh} | 13, 35.592, 303.991 |
| Yxy | 1.5606, 0.2158, 0.1457 |
| Android (android.graphics.Color) | 4280490315 (0xFF23194B) |
| YUV | 33.6900, 20.3658, 1.1489 |
| Hunter-Lab | 12.4923, 11.1564, -23.7000 |

Details

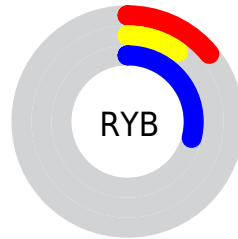
The Hex color **23194B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **414B19**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **54457C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **1D114B**, and if you desaturate by 10%, it is **29204B**.

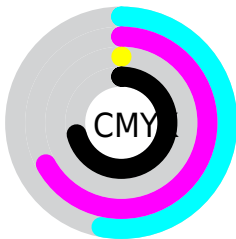
Distribution



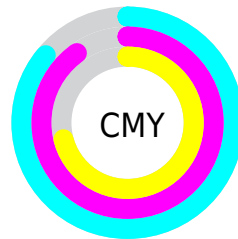
- Red (14%)
- Green (10%)
- Blue (29%)



- Red (14%)
- Yellow (10%)
- Blue (29%)



- Cyan (53%)
- Magenta (67%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23194B 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 23194B by changing the saturation by 10% instead.

 23194B

 23194B

 FFFDFF

 0E0034

 54457C

 00021E

 6D5C96

 000000

 8775B1

 A28FCD

 BDA9E9

 D9C4FF

 F6E0FF

 23194B

 23194B

■ 1D114B

■ 29204B

■ 170A4B

■ 2F284B

■ 11024B

■ 35304B

■ 0F004B

■ 3B374B

■ 413F4B

■ 47464B

■ 4D4E4B

■ 53554B

■ 595D4B

Harmonies

Analogous

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



002453



23194B



410838

Triad

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



23194B



3B1700



002C24

Complementary

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



23194B



414B19

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.



002B07



23194B



282200

Square

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



23194B



490701



0E2700



002C3D

Rectangle

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



23194B



490028



0E2700



002C1C

Sweetspot

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



23194B



514E61



19414B



272530



B0B0B0



303030

Same Dimension

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



23194B



231361



3C194B



232226



140066



2E00E6

Inverse Universe

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



4B1941



611351



284B19



262225



660052



E600B8

Previews

White Background



This preview shows how the Hex color 23194B looks on a white background.

Color Contrast Check

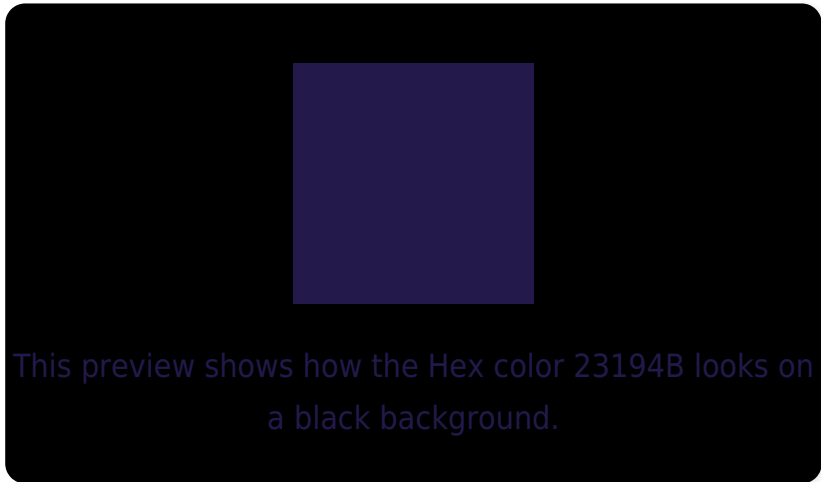
Large Text (above 18pt) WCAG AA ✓ Pass

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

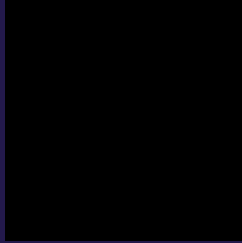
Any Text WCAG AA × Fail

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 23194B Background



This preview shows how black text looks on a background with the Hex color 23194B.



This preview shows how white text looks on a background with the Hex color 23194B.

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
23194B

Protanopia
002146

Deuteranopia
00233C



Tritanopia
172427

Trichromacy



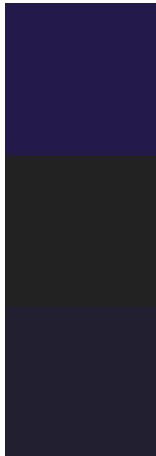
Original Color
23194B

Protanomaly
0D1E48

Deuteranomaly
0D1F41

Tritanomaly
1B2034

Monochromacy



Original Color
23194B

Achromatopsia
222222

Achromatomaly
221F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 23194B 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 #23194B looks like.

```
.text, #text, p{  
    color:#23194B  
}
```

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 #23194B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23194B  
}
```

Border

The CSS property to change the border of an element to Hex 23194B 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  
#23194B }
```

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

```
.border{ border-color:#23194B }
```

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

Here you see how a box with a 4 pixel #23194B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23194B; -webkit-box-shadow:4px 4px  
4px 4px #23194B; box-shadow:4px 4px 4px  
4px #23194B }
```

Background

The CSS property to change the background color of an element to Hex 23194B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23194B }
```

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

```
.background{ background-color:#23194B }
```

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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