

Converting Colors

Hex(191530)

Have a look what the booklet for
Hex(191530) contains.

Hex(191530)	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(191530)

Conversions

Conversions Part 1

Format	Color
Hex	191530
RGB	25, 21, 48
RGB Percent	10%, 8%, 19%
CMY	0.9020, 0.9176, 0.8118
CMYK	0.48, 0.56, 0.00, 0.81
HSL	249°, 39%, 14%
HSV	249°, 56%, 19%
XYZ	1.2026, 0.9564, 2.9175
YIQ	25.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

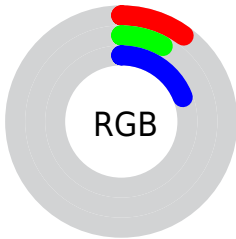
Format	Color
RYB	25, 21, 48
Decimal	1643824
CIELab	8.62, 10.38, -17.39
CIELCh	9, 20.254, 300.817
Yxy	0.9564, 0.2369, 0.1884
Android (android.graphics.Color)	4279833904 (0xFF191530)
YUV	25.2740, 11.2039, -0.2403
Hunter-Lab	9.7796, 4.8354, -10.8422

Details

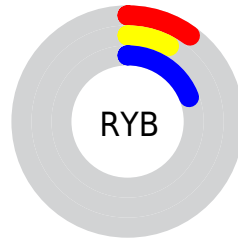
The Hex color **191530** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C3015**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **463F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **151030**, and if you desaturate by 10%, it is **1D1A30**.

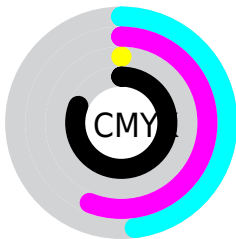
Distribution



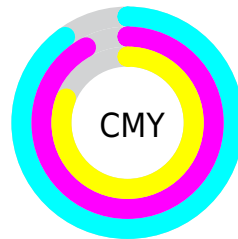
- Red (10%)
- Green (8%)
- Blue (19%)



- Red (10%)
- Yellow (8%)
- Blue (19%)



- Cyan (48%)
- Magenta (56%)
- Yellow (0%)
- Black (81%)



- Cyan (90%)
- Magenta (92%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191530 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 191530 by changing the saturation by 10% instead.

■ 191530

■ 191530

■ FFF6FF

■ 00001B

■ 463F5E

■ 000000

■ 5E5777

■ 776F91

■ 9188AB

■ ABA3C7

■ C7BEE3

■ E3D9FF

■ 191530

■ 191530

■ 151030

■ 1D1A30

■ 110B30

■ 211F30

■ 0D0730

■ 252330

■ 090230

■ 292830

■ 070030

■ 2D2D30

■ 323230

■ 363730

■ 3A3B30

■ 3E4030

Harmonies

Analogous

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



001A34



191530



290F26

Triad

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



191530



2B1300



002019

Complementary

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



191530



2C3015

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.



001F07



191530



201800

Square

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



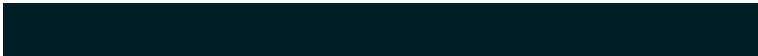
191530



310D07



131C00



002026

Rectangle

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



191530



2F0C1D



131C00



002014

Sweetspot

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



191530



34333D



152C30



19181F



9E9E9E



1F1F1F

Same Dimension

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



191530



1A143D



261530



151517



0D0057



2000D6

Inverse Universe

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



30152C



3D1437



1F3015



171517



57004A



D600B6

Previews

White Background



This preview shows how the Hex color 191530 looks on a white background.

Color Contrast Check

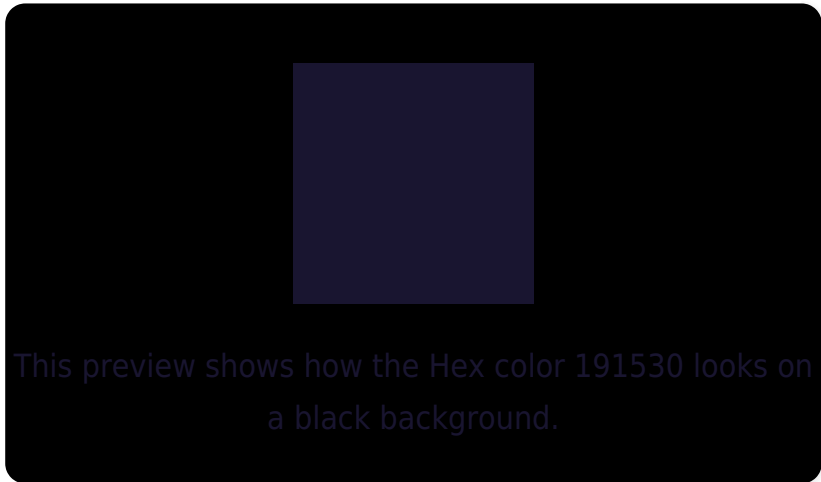
Large Text (above 18pt) WCAG AA ✓ Pass

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

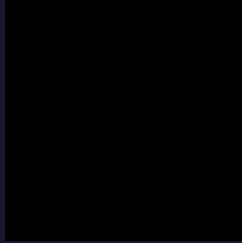
Any Text WCAG AA × Fail

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 191530 Background



This preview shows how black text looks on a background with the Hex color 191530.



This preview shows how white text looks on a background with the Hex color 191530.

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
191530

Protanopia
001833

Deuteranopia
001A2D



Tritanopia
131A1C

Trichromacy



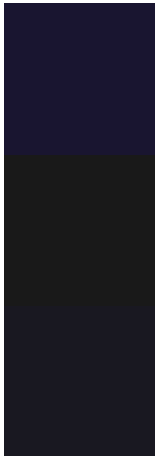
Original Color
191530

Protanomaly
091732

Deuteranomaly
09182E

Tritanomaly
151823

Monochromacy



Original Color
191530

Achromatopsia
191919

Achromatomaly
191821

CSS Examples

Text

The CSS property to change the color of the text to Hex 191530 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 #191530 looks like.

```
.text, #text, p{  
    color:#191530  
}
```

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 #191530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191530
}
```

Border

The CSS property to change the border of an element to Hex 191530 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
#191530 }
```

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

```
.border{ border-color:#191530 }
```

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

Here you see how a box with a 4 pixel #191530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191530; -webkit-box-shadow:4px 4px  
4px 4px #191530; box-shadow:4px 4px 4px  
4px #191530 }
```

Background

The CSS property to change the background color of an element to Hex 191530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191530 }
```

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

```
.background{ background-color:#191530 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor