

Converting Colors

HunterLab(18.3921, -2.6783,
-9.9870)

Have a look what the booklet for
HunterLab(18.3921, -2.6783,
-9.9870) contains.

HunterLab(18.3830, -2.6404, -10.1880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.3830, -2.6404,
-10.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	1B364B
RGB	27, 54, 75
RGB Percent	11%, 21%, 29%
CMY	0.8941, 0.7882, 0.7059
CMYK	0.64, 0.28, 0.00, 0.71
HSL	206°, 47%, 20%
HSV	206°, 64%, 29%
XYZ	3.0412, 3.3793, 7.1486
YIQ	48.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

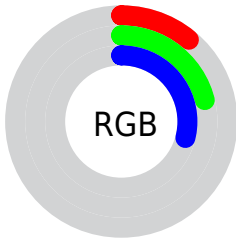
Format	Color
R _Y B	27, 44, 75
Decimal	1783371
CIE Lab	21.50, -2.92, -16.02
CIE LCh	22, 16.286, 259.679
Yxy	3.3795, 0.2241, 0.2491
Android (android.graphics.Color)	4279973451 (0xFF1B364B)
YUV	48.3210, 13.1527, -18.6985
Hunter-Lab	18.3830, -2.6404, -10.1880




Details

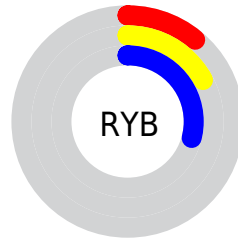
The HunterLab color **18.3830, -2.6404, -10.1880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.2069, 5.0169, 8.7218**, and the grayscale version is **17.2624, -0.9211, 0.9379**.




A 20% lighter version of the original color is **35.0121, -4.2044, -10.7907**, and **5.4250, 1.8583, -10.7923** is the 20% darker color. If you saturate the color by 10%, you get **17.3054, -2.2277, -12.1818**, and if you desaturate by 10%, it is **19.5216, -2.8592, -8.2382**.

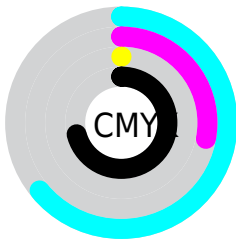
Distribution







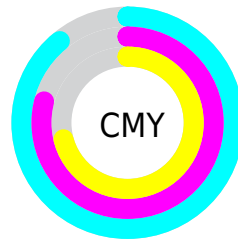
-  Red (11%)
-  Green (21%)
-  Blue (29%)






-  Red (11%)
-  Yellow (17%)
-  Blue (29%)



-  Cyan (64%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (89%)
-  Magenta (79%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3830, -2.6404, -10.1880 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 HunterLab color 18.3830, -2.6404, -10.1880 by changing the saturation by 10% instead.

■ 18.3830, -2.6404,
-10.1880

■ 18.3830, -2.6404,
-10.1880

■ 115.2384, -9.2524,
-11.2077

■ 11.5452, -2.0276,
-9.7663

■ 34.9025, -3.9308,
-10.8843

■ 4.0801, -3.3340,
-16.6485

■ 44.3920, -4.6141,
-11.1232

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.6131, -5.3235,
-11.2905

0.0000, NaN, NaN

■ 65.5168, -6.0590,
-11.3906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.0628, -6.8201,
-11.4284

0.0000, NaN, NaN

■ 89.2171, -7.6064,

-11.4079

0.0000, NaN, NaN

101.9507, -8.4174,
-11.3332

18.3830, -2.6404,
-10.1880

18.3830, -2.6404,
-10.1880

17.3054, -2.2277,
-12.1818

19.5216, -2.8592,
-8.2382

16.2924, -1.6061,
-14.2132

20.7156, -2.9015,
-6.3379

15.3302, -0.8284,
-16.3130

21.9610, -2.7849,
-4.4881

14.7555, -0.3620,
-17.6617

23.2535, -2.5261,
-2.6882

24.5894, -2.1408,
-0.9362

■ 25.9652, -1.6429,
0.7708

■ 27.3779, -1.0451,
2.4360

■ 28.8246, -0.3581,
4.0631

■ 30.3030, 0.4085,
5.6554

Harmonies

Analogous

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



18.3833, -6.6923, -7.2329



18.3830, -2.6404, -10.1880



18.3833, 2.3014, -9.6031

Triad

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



18.3833, -2.6404, -10.1876



18.3833, 8.7624, 3.7714



18.3833, -7.6309, 5.9086

Complementary

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



18.3830, -2.6404, -10.1880



19.2069, 5.0169, 8.7218

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.



18.3833, -4.0497, 7.5998



18.3830, -2.6404, -10.1880



18.3833, 5.5238, 6.6086

Square

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



18.3833, -2.6404, -10.1876



18.3833, 9.2414, -0.6794



18.3833, 0.7376, 7.8171



18.3833, -9.3668, 2.5358

Rectangle

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



18.3830, -2.6404, -10.1880



18.3833, 5.4321, -7.3247



18.3833, 0.7376, 7.8171



18.3833, -6.6216, 6.6506

Sweetspot

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



18.3833, -2.6404, -10.1876



31.0171, -3.0926, -2.5127



23.4030, -14.2785, 7.1409



15.4466, -1.5883, -1.4308



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



18.3833, -2.6404, -10.1876



21.7505, -2.4615, -17.4021



12.9610, 7.4996, -22.3332



13.3635, -0.9974, -0.0127



19.8058, 0.3080, -25.4205



46.2709, 4.1859, -66.8707

Inverse Universe

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



15.9568, 16.3688, -2.8491



18.6918, 25.9648, -3.5348



24.8676, -4.7282, 12.7680



13.1006, 0.5114, 0.3171



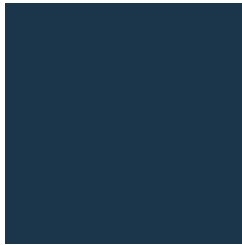
17.6747, 31.9609, -1.6993



42.8110, 77.0230, -1.0795

Previews

White Background



This preview shows how the HunterLab color 18.3830, -2.6404, -10.1880 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

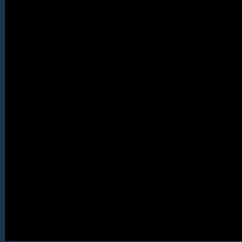
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

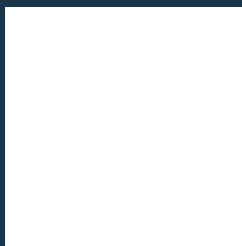
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.3830, -2.6404, -10.1880 Background



This preview shows how black text looks on a background with the HunterLab color 18.3830, -2.6404, -10.1880.



This preview shows how white text looks on a background with the HunterLab color 18.3830, -2.6404, -10.1880.

-10.1880.

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

18.3830, -2.6404, -10.1880

Protanopia

18.4212, 1.0546, -8.3631

Deuteranopia

18.3327, 1.0497, -10.7983



Tritanopia

18.4713, -7.2581, -2.9162

Trichromacy



Original Color

18.3830, -2.6404, -10.1880

Protanomaly

18.3005, -0.5219, -9.1540

Deuteranomaly

18.3108, -0.2638, -10.8612

Tritanomaly

18.4495, -5.6717, -5.2947

Monochromacy



Original Color

18.3830, -2.6404, -10.1880

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.4293, -2.0365, -2.9129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3830, -2.6404, -10.1880 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 `rgb(27, 54, 75)` looks like.

```
.text, #text, p{  
    color:rgb(27, 54, 75)  
}
```

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 rgb(27, 54, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 54, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3830, -2.6404, -10.1880 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 rgb(27, 54, 75) }
```


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

```
.border{ border-color:rgb(27, 54, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 54, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 54, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 54, 75);  
box-shadow:4px 4px 4px 4px rgb(27, 54, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3830, -2.6404, -10.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 54, 75) }
```

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

```
.background{ background-color: rgb(27, 54,  
75) }
```

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