

Converting Colors

HunterLab(19.9766, -2.3250,
-10.4164)

Have a look what the booklet for
HunterLab(19.9766, -2.3250,
-10.4164) contains.

HunterLab(19.8630, -2.2225, -10.4535)	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(19.8630, -2.2225,
-10.4535)**

Conversions

Conversions Part 1

Format	Color
Hex	223A50
RGB	34, 58, 80
RGB Percent	13%, 23%, 31%
CMY	0.8667, 0.7725, 0.6863
CMYK	0.57, 0.27, 0.00, 0.69
HSL	209°, 40%, 22%
HSV	209°, 57%, 31%
XYZ	3.6207, 3.9454, 8.1601
YIQ	53.3320, -21.3660, 1.7540

Conversions

Conversions Part 2

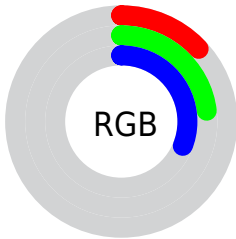
Format	Color
R_{YB}	34, 50, 80
Decimal	2243152
CIE _{Lab}	23.49, -1.98, -16.24
CIE _{LCh}	23, 16.356, 263.052
Yxy	3.9455, 0.2302, 0.2509
Android (android.graphics.Color)	4280433232 (0xFF223A50)
YUV	53.3320, 13.1473, -16.9542
Hunter-Lab	19.8630, -2.2225, -10.4535

Details

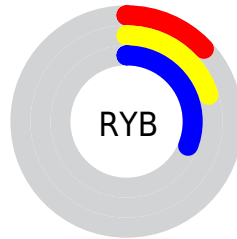
The HunterLab color **19.8630, -2.2225, -10.4535** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.5627, 3.7500, 9.1908**, and the grayscale version is **18.9431, -1.0108, 1.0292**.

A 20% lighter version of the original color is **36.7178, -3.5193, -10.9728**, and **6.8044, 0.5320, -9.6533** is the 20% darker color. If you saturate the color by 10%, you get **18.5835, -1.7712, -12.7939**, and if you desaturate by 10%, it is **21.2084, -2.4712, -8.1919**.

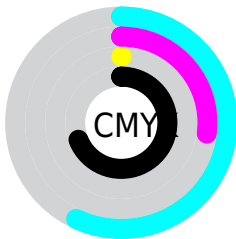
Distribution



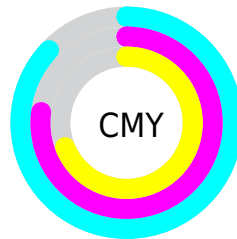
- Red (13%)
- Green (23%)
- Blue (31%)



- Red (13%)
- Yellow (20%)
- Blue (31%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8630, -2.2225, -10.4535 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 19.8630, -2.2225, -10.4535 by changing the saturation by 10% instead.

■ 19.8630, -2.2225,
-10.4535

■ 19.8630, -2.2225,
-10.4535

■ 117.9424, -8.4199,
-11.4280

■ 12.8185, -1.6845,
-10.0299

■ 36.7270, -3.3929,
-11.1359

■ 6.2163, -1.7190,
-11.7199

■ 46.3662, -4.0251,
-11.3679

0.0000, NaN, -NF

■ 56.7265, -4.6875,
-11.5293

0.0000, NaN, NaN

■ 67.7608, -5.3792,
-11.6245

0.0000, NaN, NaN

■ 79.4302, -6.0992,
-11.6579

0.0000, NaN, NaN

■ 91.7018, -6.8465,

0.0000, NaN, NaN

-11.6339

0.0000, NaN, NaN

104.5474, -7.6204,
-11.5562

19.8630, -2.2225,
-10.4535

19.8630, -2.2225,
-10.4535

18.5835, -1.7712,
-12.7939

21.2084, -2.4712,
-8.1919

17.3751, -1.0963,
-15.2108

22.6128, -2.5389,
-6.0100

16.2444, -0.1796,
-17.6941

24.0713, -2.4463,
-3.9039

15.1588, 0.8608,
-20.3288

25.5790, -2.2122,
-1.8689

14.8885, 1.1211,
-21.0296

27.1318, -1.8533,
0.1010

■ 28.7258, -1.3843,
2.0118

■ 30.3579, -0.8180,
3.8695

■ 32.0250, -0.1654,
5.6798

■ 33.7248, 0.5641,
7.4482

Harmonies

Analogous

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



19.8634, -6.5694, -7.8125



19.8630, -2.2225, -10.4535



19.8634, 2.8877, -9.4398

Triad

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



19.8634, -2.2225, -10.4531



19.8634, 8.6913, 4.3699



19.8634, -8.2435, 5.8725

Complementary

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



19.8630, -2.2225, -10.4535



21.5627, 3.7500, 9.1908

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.



19.8634, -4.7234, 7.8433



19.8630, -2.2225, -10.4535



19.8634, 5.1221, 7.1393

Square

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



19.8634, -2.2225, -10.4531



19.8634, 9.5311, -0.0695



19.8634, 0.1280, 8.2408



19.8634, -9.8134, 2.1670

Rectangle

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



19.8630, -2.2225, -10.4535



19.8634, 6.0151, -6.9262



19.8634, 0.1280, 8.2408



19.8634, -7.2670, 6.7180

Sweetspot

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



19.8634, -2.2225, -10.4531



33.7653, -2.9269, -2.5003



25.2148, -14.1858, 6.6510



17.0919, -1.5104, -1.4097



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



19.8634, -2.2225, -10.4531



23.8972, -2.0195, -18.1682



14.6735, 7.4661, -21.4939



14.0996, -0.9969, -0.0741



19.2361, 2.2623, -28.9271



44.1821, 9.2137, -75.1134

Inverse Universe

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



17.7628, 15.5846, -2.1438



21.1522, 25.4954, -2.7839



27.0858, -5.5211, 13.2804



13.8513, 0.5430, 0.3846



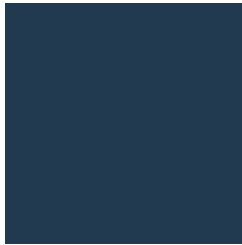
18.0211, 32.3683, -0.0342



43.0655, 76.9603, 2.9494

Previews

White Background



This preview shows how the HunterLab color 19.8630, -2.2225, -10.4535 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

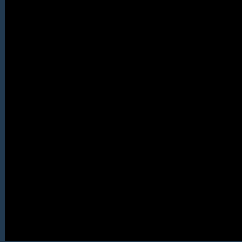
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

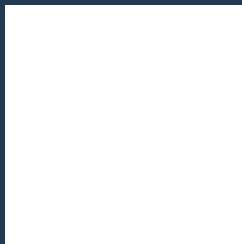
Any Text WCAG AAA × Fail

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

HunterLab 19.8630, -2.2225, -10.4535 Background



This preview shows how black text looks on a background with the HunterLab color 19.8630, -2.2225, -10.4535.



This preview shows how white text looks on a background with the HunterLab color 19.8630, -2.2225, -10.4535.

-10.4535.

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

19.8630, -2.2225, -10.4535

Protanopia

19.8378, 1.3472, -9.2944

Deuteranopia

19.7669, 1.3312, -11.1460



Tritanopia

19.9442, -6.8800, -3.1535

Trichromacy



Original Color

19.8630, -2.2225, -10.4535

Protanomaly

19.8200, 0.1158, -9.9129

Deuteranomaly

19.7855, 0.1472, -11.1332

Tritanomaly

19.9065, -5.3475, -5.5825

Monochromacy



Original Color

19.8630, -2.2225, -10.4535

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.1627, -1.9561, -2.7763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8630, -2.2225, -10.4535 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(34, 58, 80)` looks like.

```
.text, #text, p{  
  color:rgb(34, 58, 80)  
}
```

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(34, 58, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 58, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8630, -2.2225, -10.4535 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(34, 58, 80) }
```


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

```
.border{ border-color:rgb(34, 58, 80) }
```

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

Here you see how a box with a 4 pixel rgb(34, 58, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 58, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 58, 80);  
box-shadow:4px 4px 4px 4px rgb(34, 58, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8630, -2.2225, -10.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 58, 80) }
```

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

```
.background{ background-color: rgb(34, 58,  
80) }
```

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