

Converting Colors

HunterLab(18.8270, -1.9808,
-12.3341)

Have a look what the booklet for
HunterLab(18.8270, -1.9808,
-12.3341) contains.

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Color

**HunterLab(18.8270, -1.9808,
-12.3341)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1B3750 |
| RGB | 27, 55, 80 |
| RGB Percent | 11%, 22%, 31% |
| CMY | 0.8941, 0.7843, 0.6863 |
| CMYK | 0.66, 0.31, 0.00, 0.69 |
| HSL | 208°, 50%, 21% |
| HSV | 208°, 66%, 31% |
| XYZ | 3.2661, 3.5446, 8.1014 |
| YIQ | 49.4780, -24.7130, 1.8390 |

Conversions

Conversions Part 2

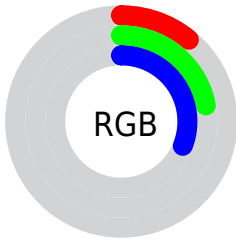
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 27, 45, 80 |
| Decimal | 1783632 |
| CIE Lab | 22.11, -1.69, -18.42 |
| CIE LCh | 22, 18.499, 264.762 |
| Yxy | 3.5447, 0.2190, 0.2377 |
| Android (android.graphics.Color) | 4279973712 (0xFF1B3750) |
| YUV | 49.4780, 15.0473, -19.7132 |
| Hunter-Lab | 18.8270, -1.9808, -12.3341 |

Details

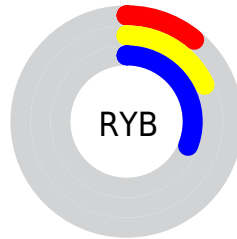
The HunterLab color **18.8270, -1.9808, -12.3341** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.5932, 4.9978, 9.7911**, and the grayscale version is **17.6425, -0.9414, 0.9586**.

A 20% lighter version of the original color is **35.5306, -3.4282, -12.8233**, and **6.0058, 2.0634, -11.9609** is the 20% darker color. If you saturate the color by 10%, you get **17.6216, -1.3570, -14.7011**, and if you desaturate by 10%, it is **20.1031, -2.3842, -10.0379**.

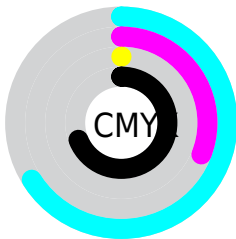
Distribution



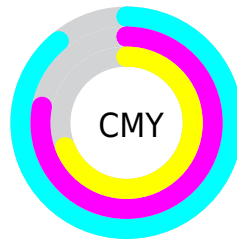
- Red (11%)
- Green (22%)
- Blue (31%)



- Red (11%)
- Yellow (18%)
- Blue (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8270, -1.9808, -12.3341 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 18.8270, -1.9808, -12.3341 by changing the saturation by 10% instead.

■ 18.8270, -1.9808,
-12.3341

■ 18.8270, -1.9808,
-12.3341

■ 116.0548, -7.9995,
-14.0357

■ 11.9259, -1.4714,
-11.8922

■ 35.4515, -3.1019,
-13.1591

■ 4.8276, -1.7821,
-17.0636

■ 44.9866, -3.7124,
-13.4760

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.2500, -4.3544,
-13.7236

0.0000, NaN, NaN

■ 66.1935, -5.0269,
-13.9046

0.0000, NaN, NaN

■ 77.7769, -5.7287,
-14.0226

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.9669, -6.4587,

-14.0815

0.0000, NaN, NaN

102.7345, -7.2159,
-14.0847

18.8270, -1.9808,
-12.3341

18.8270, -1.9808,
-12.3341

17.6216, -1.3570,
-14.7011

20.1031, -2.3842,
-10.0379

16.4919, -0.4950,
-17.1314

21.4430, -2.5882,
-7.8172

15.4148, 0.5187,
-19.6838

22.8412, -2.6140,
-5.6714

15.0129, 0.8994,
-20.7063

24.2927, -2.4816,
-3.5976

25.7928, -2.2096,
-1.5912

■ 27.3374, -1.8143,
0.3532

■ 28.9228, -1.3101,
2.2412

■ 30.5458, -0.7094,
4.0785

■ 32.2037, -0.0230,
5.8704

Harmonies

Analogous

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



18.8273, -6.8367, -9.4370



18.8270, -1.9808, -12.3341



18.8273, 3.7316, -10.8847

Triad

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



18.8273, -1.9807, -12.3337



18.8273, 9.8312, 4.8379



18.8273, -9.0346, 6.0382

Complementary

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



18.8270, -1.9808, -12.3341



20.5932, 4.9978, 9.7911

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.



18.8273, -5.3163, 8.1671



18.8270, -1.9808, -12.3341



18.8273, 5.6349, 7.6297

Square

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



18.8273, -1.9807, -12.3337



18.8273, 10.9925, 0.0633



18.8273, -0.0102, 8.6500



18.8273, -10.5928, 1.9382

Rectangle

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



18.8270, -1.9808, -12.3341



18.8273, 7.2129, -7.8194



18.8273, -0.0102, 8.6500



18.8273, -8.0186, 6.9543

Sweetspot

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



18.8273, -1.9807, -12.3337



33.1768, -3.1012, -3.2785



24.9318, -15.4607, 7.4405



16.7320, -1.6088, -1.8895



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.



18.8273, -1.9807, -12.3337



22.4263, -1.1925, -21.2152



12.9603, 9.4620, -26.5681



14.1058, -1.0071, -0.0667



19.4042, 1.9557, -28.4753



44.6020, 8.4102, -73.9038

Inverse Universe

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



16.6292, 18.0204, -2.3249



19.8412, 28.5260, -2.4877



26.9568, -5.8074, 14.2280



13.8519, 0.5464, 0.3755



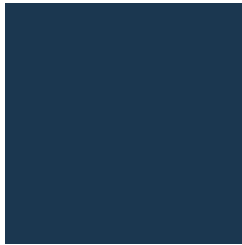
18.0393, 32.4342, -0.2924



43.1091, 77.1191, 2.3261

Previews

White Background



This preview shows how the HunterLab color 18.8270, -1.9808, -12.3341 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



This preview shows how the HunterLab color 18.8270, -1.9808, -12.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

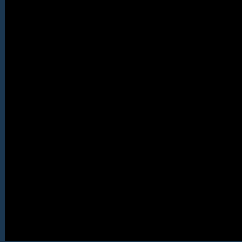
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

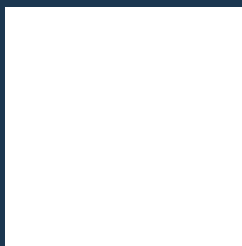
Any Text WCAG AAA × Fail

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

HunterLab 18.8270, -1.9808, -12.3341 Background



This preview shows how black text looks on a background with the HunterLab color 18.8270, -1.9808, -12.3341.



This preview shows how white text looks on a background with the HunterLab color 18.8270, -1.9808, -12.3341.

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

18.8270, -1.9808, -12.3341

Protanopia

18.8189, 1.6103, -11.0840

Deuteranopia

18.8987, 0.8823, -12.7614



Tritanopia

18.7194, -7.5715, -3.4924

Trichromacy



Original Color

18.8270, -1.9808, -12.3341

Protanomaly

18.7691, 0.2853, -11.7965

Deuteranomaly

18.9466, -0.2058, -12.6892

Tritanomaly

18.7493, -5.7109, -6.3510

Monochromacy



Original Color

18.8270, -1.9808, -12.3341

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7913, -1.8999, -3.3167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8270, -1.9808, -12.3341 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, 55, 80)` looks like.

```
.text, #text, p{  
    color:rgb(27, 55, 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(27, 55, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 55, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8270, -1.9808, -12.3341 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, 55, 80) }
```


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

```
.border{ border-color:rgb(27, 55, 80) }
```

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

Here you see how a box with a 4 pixel rgb(27, 55, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 55, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 55, 80);  
box-shadow:4px 4px 4px 4px rgb(27, 55, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8270, -1.9808, -12.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 55, 80) }
```

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

```
.background{ background-color: rgb(27, 55,  
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](#).

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