

Converting Colors

HunterLab(18.8309, 11.7420,
-12.0836)

Have a look what the booklet for
HunterLab(18.8309, 11.7420,
-12.0836) contains.

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Color

**HunterLab(18.8039, 11.6683,
-12.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	442B50
RGB	68, 43, 80
RGB Percent	27%, 17%, 31%
CMY	0.7333, 0.8314, 0.6863
CMYK	0.15, 0.46, 0.00, 0.69
HSL	281°, 30%, 24%
HSV	281°, 46%, 31%
XYZ	4.6957, 3.5359, 8.0244
YIQ	54.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

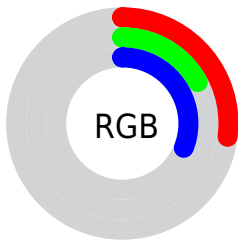
Format	Color
R _Y B	68, 43, 80
Decimal	4467536
CIE Lab	22.07, 19.36, -18.21
CIE LCh	22, 26.574, 316.752
Yxy	3.5360, 0.2889, 0.2175
Android (android.graphics.Color)	4282657616 (0xFF442B50)
YUV	54.6930, 12.4764, 11.6702
Hunter-Lab	18.8039, 11.6683, -12.1387

Details

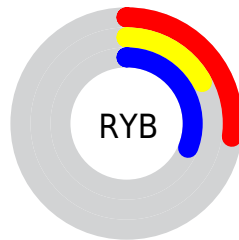
The HunterLab color **18.8039, 11.6683, -12.1387** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **25.9307, -11.7838, 10.5460**, and the grayscale version is **19.4003, -1.0351, 1.0541**.

A 20% lighter version of the original color is **35.3718, 13.1440, -12.7866**, and **6.0032, 12.4024, -12.5680** is the 20% darker color. If you saturate the color by 10%, you get **17.0853, 14.5658, -15.5543**, and if you desaturate by 10%, it is **20.6671, 8.7514, -8.8844**.

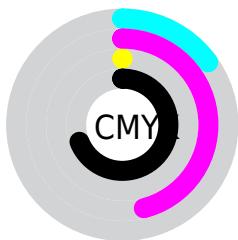
Distribution



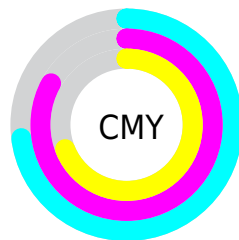
- Red (27%)
- Green (17%)
- Blue (31%)



- Red (27%)
- Yellow (17%)
- Blue (31%)



- Cyan (15%)
- Magenta (46%)
- Yellow (0%)
- Black (69%)



- Cyan (73%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8039, 11.6683, -12.1387 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 18.8039, 11.6683, -12.1387 by changing the saturation by 10% instead.

■ 18.8039, 11.6683,
-12.1387

■ 18.8039, 11.6683,
-12.1387

■ 116.0125, 15.2419,
-13.7807

■ 11.9061, 10.6906,
-11.6974

■ 35.4231, 13.1554,
-12.9529

■ 4.7918, 17.3460,
-16.9101

■ 44.9558, 13.7107,
-13.2630

0.0000, NaN, -NF

■ 55.2171, 14.1633,
-13.5036

0.0000, NaN, NaN

■ 66.1584, 14.5257,
-13.6775

0.0000, NaN, NaN

■ 77.7400, 14.8075,
-13.7884

0.0000, NaN, NaN

■ 89.9281, 15.0168,

0.0000, NaN, NaN

-13.8402

0.0000, NaN, NaN

102.6939, 15.1598,
-13.8365

18.8039, 11.6683,
-12.1387

18.8039, 11.6683,
-12.1387

17.0853, 14.5658,
-15.5543

20.6671, 8.7514,
-8.8844

15.5360, 17.3658,
-19.0862

22.6521, 5.8590,
-5.8041

14.1860, 19.9380,
-22.6296

24.7414, 3.0105,
-2.8890

13.0646, 22.0977,
-26.0054

26.9208, 0.2121,
-0.1227

12.0721, 24.0844,
-29.4138

29.1789, -2.5371,
2.5142

■ 11.6832, 24.9651,
-30.8788

■ 31.5064, -5.2413,
5.0403

■ 33.8959, -7.9062,
7.4728

■ 36.3411, -10.5378,
9.8267

■ 38.8369, -13.1417,
12.1147

Harmonies

Analogous

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



18.8043, 3.6742, -19.2727



18.8039, 11.6683, -12.1387



18.8043, 16.5836, -2.6781

Triad

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



18.8043, 11.6679, -12.1381



18.8043, 2.6807, 10.4754



18.8043, -13.6624, -3.7407

Complementary

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



18.8039, 11.6683, -12.1387



25.9307, -11.7838, 10.5460

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.



18.8043, -13.8369, 4.0984



18.8039, 11.6683, -12.1387



18.8043, -5.2660, 10.3827

Square

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



18.8043, 11.6679, -12.1381



18.8043, 10.8357, 8.9068



18.8043, -11.0137, 8.5820



18.8043, -10.4883, -13.1924

Rectangle

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



18.8039, 11.6683, -12.1387



18.8043, 16.9934, 2.6757



18.8043, -11.0137, 8.5820



18.8043, -14.0525, -0.7935

Sweetspot

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



18.8043, 11.6679, -12.1381



33.1760, 3.3287, -3.1671



19.6394, 0.4089, -10.8031



16.7043, 1.9465, -1.8645



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.



18.8043, 11.6679, -12.1381



22.4081, 19.5241, -20.8920



19.8129, 14.0013, -6.8455



13.8028, 0.4745, -0.4192



15.2866, 32.7902, -41.3727



36.0225, 77.8708, -102.1569

Inverse Universe

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



19.2592, 11.3570, 0.9388



23.2437, 18.9614, 1.6264



25.4443, -13.4994, 8.6281



13.8323, 0.4405, 0.6554



17.5814, 30.7625, 6.2920



42.0425, 73.2158, 17.7352

Previews

White Background



This preview shows how the HunterLab color 18.8039, 11.6683, -12.1387 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 18.8039, 11.6683, -12.1387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

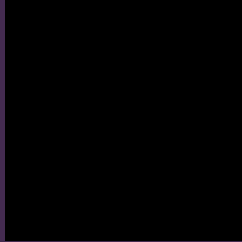
Any Text WCAG AA × Fail

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 18.8039, 11.6683, -12.1387 Background



This preview shows how black text looks on a background with the HunterLab color 18.8039, 11.6683, -12.1387.



This preview shows how white text looks on a background with the HunterLab color 18.8039, 11.6683, -12.1387.

-12.1387.

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

18.8039, 11.6683, -12.1387

Protanopia

18.9523, 2.8695, -17.1543

Deuteranopia

18.9996, 0.9906, -10.7675



Tritanopia

18.8246, 3.6137, 1.0545

Trichromacy



Original Color

18.8039, 11.6683, -12.1387

Protanomaly

18.7899, 5.6240, -15.4420

Deuteranomaly

18.6848, 4.8055, -11.8748

Tritanomaly

18.7503, 6.1584, -3.2085

Monochromacy



Original Color

18.8039, 11.6683, -12.1387

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.2314, 3.2185, -3.0473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8039, 11.6683, -12.1387 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(68, 43, 80)` looks like.

```
.text, #text, p{  
    color:rgb(68, 43, 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(68, 43, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 43, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8039, 11.6683, -12.1387 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(68, 43, 80) }
```


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

```
.border{ border-color:rgb(68, 43, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 43, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 43, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 43, 80);  
box-shadow:4px 4px 4px 4px rgb(68, 43, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8039, 11.6683, -12.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 43, 80) }
```

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

```
.background{ background-color: rgb(68, 43,  
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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