

Converting Colors

HunterLab(12.3028, 2.5825,
-7.9934)

Have a look what the booklet for
HunterLab(12.3028, 2.5825, -7.9934)
contains.

HunterLab(12.3256, 2.6860, -7.9857)	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(12.3256, 2.6860,
-7.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1F34
RGB	31, 31, 52
RGB Percent	12%, 12%, 20%
CMY	0.8784, 0.8784, 0.7961
CMYK	0.40, 0.40, 0.00, 0.80
HSL	240°, 25%, 16%
HSV	240°, 40%, 20%
XYZ	1.6749, 1.5192, 3.4537
YIQ	33.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

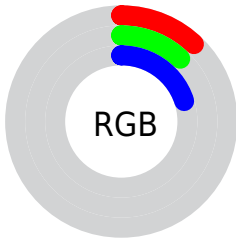
Format	Color
RYB	31, 31, 52
Decimal	2039604
CIELab	12.73, 6.28, -13.78
CIELCh	13, 15.139, 294.499
Yxy	1.5193, 0.2519, 0.2285
Android (android.graphics.Color)	4280229684 (0xFF1F1F34)
YUV	33.3940, 9.1728, -2.0995
Hunter-Lab	12.3256, 2.6860, -7.9857

Details

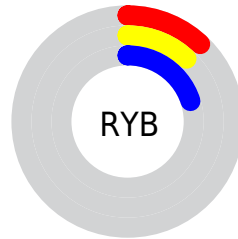
The HunterLab color **12.3256, 2.6860, -7.9857** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.1245, -3.2410, 6.8707**, and the grayscale version is **12.4301, -0.6632, 0.6754**.

A 20% lighter version of the original color is **27.3304, 2.7800, -8.7186**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **10.9313, 3.8255, -10.8185**, and if you desaturate by 10%, it is **13.7861, 1.6585, -5.4483**.

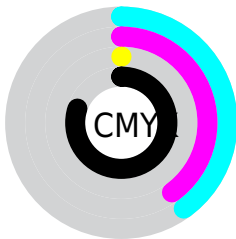
Distribution



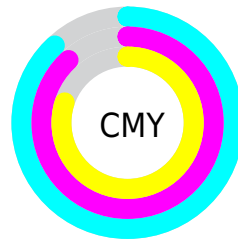
- Red (12%)
- Green (12%)
- Blue (20%)



- Red (12%)
- Yellow (12%)
- Blue (20%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3256, 2.6860, -7.9857 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 12.3256, 2.6860, -7.9857 by changing the saturation by 10% instead.

■ 12.3256, 2.6860,
-7.9857

■ 12.3256, 2.6860,
-7.9857

103.5509, 1.0140,
-8.7880

■ 5.4975, 4.6823,
-10.5037

■ 27.2275, 2.8127,
-8.6592

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.0249, 2.7366,
-8.8809

0.0000, NaN, NaN

■ 45.6071, 2.5880,
-9.0257

0.0000, NaN, NaN

■ 55.9144, 2.3762,
-9.0994

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8989, 2.1081,
-9.1077

0.0000, NaN, NaN

■ 78.5212, 1.7891,

0.0000, NaN, NaN

-9.0556

90.7480, 1.4232,
-8.9478

12.3256, 2.6860,
-7.9857

12.3256, 2.6860,
-7.9857

10.9313, 3.8255,
-10.8185

13.7861, 1.6585,
-5.4483

9.6167, 5.1028,
-14.0149

15.3015, 0.7205,
-3.1471

8.4022, 6.5400,
-17.6334

16.8644, -0.1469,
-1.0327

7.3157, 8.1382,
-21.6795

18.4687, -0.9586,
0.9339

6.2351, 10.1796,
-26.8731

20.1100, -1.7261,
2.7831

■ 4.9793, 13.5064,
-35.3796

■ 21.7846, -2.4584,
4.5384

■ 23.4895, -3.1626,
6.2184

■ 25.2223, -3.8442,
7.8375

■ 26.9809, -4.5076,
9.4074

Harmonies

Analogous

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



12.3258, -1.3850, -9.0244



12.3256, 2.6860, -7.9857



12.3258, 6.2273, -4.3622

Triad

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



12.3258, 2.6859, -7.9854



12.3258, 4.1191, 5.3917



12.3258, -7.4011, 1.3500

Complementary

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



12.3256, 2.6860, -7.9857



18.1245, -3.2410, 6.8707

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.



12.3258, -6.3012, 4.2035



12.3256, 2.6860, -7.9857



12.3258, 0.0855, 6.3147

Square

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



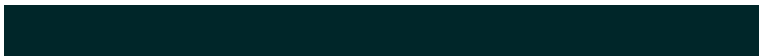
12.3258, 2.6859, -7.9854



12.3258, 7.1257, 3.3290



12.3258, -3.6801, 5.8797



12.3258, -6.8897, -2.7540

Rectangle

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



12.3256, 2.6860, -7.9857



12.3258, 7.6369, -1.4425



12.3258, -3.6801, 5.8797



12.3258, -7.2123, 2.4658

Sweetspot

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



12.3258, 2.6859, -7.9854



21.6808, 0.0591, -1.9696



17.3068, -5.4002, -0.5601



11.7334, 0.0383, -1.0823



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.3258, 2.6859, -7.9854



14.3148, 5.0645, -14.3093



13.0756, 5.0262, -6.5863



9.2991, -0.1778, -0.3188



8.5175, 23.1037, -60.5200



22.3535, 60.6337, -158.8301

Inverse Universe

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



13.9929, 7.7355, -5.0078



17.1387, 13.1051, -8.6026



17.4261, -5.8109, 6.2254



9.4671, 0.3954, -0.0981



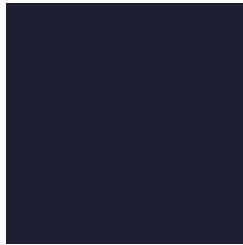
16.9165, 33.2584, -22.3112



44.3960, 87.2837, -58.5536

Previews

White Background



This preview shows how the HunterLab color 12.3256, 2.6860, -7.9857 looks on a white background.

Color Contrast Check

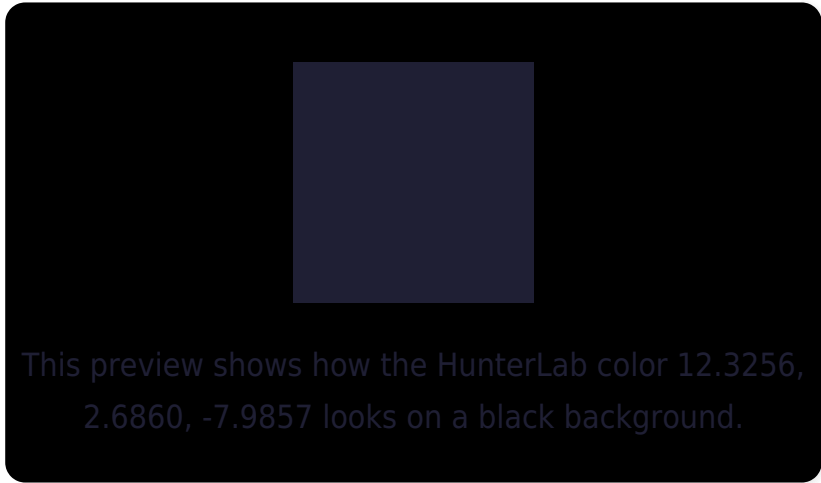
Large Text (above 18pt) WCAG AA ✓ Pass

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

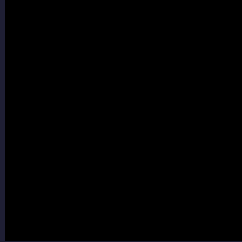
Any Text WCAG AA × Fail

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 12.3256, 2.6860, -7.9857 Background



This preview shows how black text looks on a background with the HunterLab color 12.3256, 2.6860, -7.9857.



This preview shows how white text looks on a background with the HunterLab color 12.3256, 2.6860, -7.9857.

-7.9857.

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

12.3256, 2.6860, -7.9857

Protanopia

12.2341, 1.3515, -8.7608

Deuteranopia

12.3199, 0.4201, -8.0362



Tritanopia

12.2908, -1.7873, -0.9009

Trichromacy



Original Color

12.3256, 2.6860, -7.9857

Protanomaly

12.3413, 1.7052, -8.5468

Deuteranomaly

12.2498, 1.3290, -8.1530

Tritanomaly

12.2546, -0.4610, -3.0548

Monochromacy



Original Color

12.3256, 2.6860, -7.9857

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2201, 0.4551, -2.2021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3256, 2.6860, -7.9857 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(31, 31, 52)` looks like.

```
.text, #text, p{  
  color:rgb(31, 31, 52)  
}
```

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(31, 31, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 31, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3256, 2.6860, -7.9857 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(31, 31, 52) }
```


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

```
.border{ border-color:rgb(31, 31, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 31, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 31, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 31, 52);  
box-shadow:4px 4px 4px 4px rgb(31, 31, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3256, 2.6860, -7.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 31, 52) }
```

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

```
.background{ background-color: rgb(31, 31,  
52) }
```

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