

Converting Colors

HunterLab(31.3644, -7.8220,
-3.2469)

Have a look what the booklet for
HunterLab(31.3644, -7.8220,
-3.2469) contains.

HunterLab(31.2831, -7.8631, -3.2337)	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(31.2831, -7.8631,
-3.2337)

Conversions

Conversions Part 1

Format	Color
Hex	3F5D63
RGB	63, 93, 99
RGB Percent	25%, 36%, 39%
CMY	0.7529, 0.6353, 0.6118
CMYK	0.36, 0.06, 0.00, 0.61
HSL	190°, 22%, 32%
HSV	190°, 36%, 39%
XYZ	8.2164, 9.7863, 13.2603
YIQ	84.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

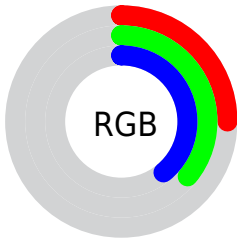
Format	Color
RYB	63, 79, 99
Decimal	4152675
CIELab	37.46, -9.33, -6.97
CIELCh	37, 11.649, 216.744
Yxy	9.7867, 0.2628, 0.3130
Android (android.graphics.Color)	4282342755 (0xFF3F5D63)
YUV	84.7140, 7.0430, -19.0432
Hunter-Lab	31.2831, -7.8631, -3.2337

Details

The HunterLab color **31.2831, -7.8631, -3.2337** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.9590, 6.9237, 6.3904**, and the grayscale version is **30.0164, -1.6016, 1.6308**.

A 20% lighter version of the original color is **50.2908, -9.8892, -3.2016**, and **15.4927, -5.5345, -3.4402** is the 20% darker color. If you saturate the color by 10%, you get **30.3365, -8.9767, -4.5349**, and if you desaturate by 10%, it is **32.3037, -6.5060, -1.8745**.

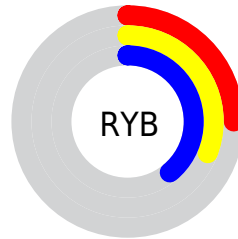
Distribution



Red (25%)

Green (36%)

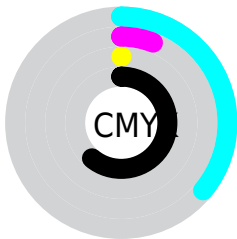
Blue (39%)



Red (25%)

Yellow (31%)

Blue (39%)

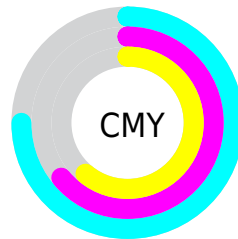


Cyan (36%)

Magenta (6%)

Yellow (0%)

Black (61%)



Cyan (75%)

Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2831, -7.8631, -3.2337 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 31.2831, -7.8631, -3.2337 by changing the saturation by 10% instead.

■ 31.2831, -7.8631,
-3.2337

■ 31.2831, -7.8631,
-3.2337

■ 137.5292,
-17.7536, -0.2317

■ 22.9298, -6.7555,
-3.2783

■ 50.3920, -10.0320,
-2.9279

■ 15.4896, -5.6071,
-3.2364

■ 61.0248, -11.1116,
-2.6838

■ 9.0858, -4.9619,
-3.1054

■ 72.3153, -12.1951,
-2.3865

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.2271, -13.2856,
-2.0404

0.0000, NaN, NaN

■ 96.7296, -14.3853,
-1.6491

0.0000, NaN, NaN

■ 109.7959,

0.0000, NaN, NaN

-15.4959, -1.2156

0.0000, NaN, NaN

123.4026,
-16.6183, -0.7424

■ 31.2831, -7.8631,
-3.2337

■ 31.2831, -7.8631,
-3.2337

■ 30.3365, -8.9767,
-4.5349

■ 32.3037, -6.5060,
-1.8745

■ 29.4636, -9.8316,
-5.7712

■ 33.3942, -4.9211,
-0.4674

■ 28.6658, -10.4181,
-6.9342

■ 34.5524, -3.1269,
0.9803

■ 27.9426, -10.7319,
-8.0172

■ 35.7755, -1.1418,
2.4613

■ 27.2919, -10.7767,
-9.0162

■ 37.0604, 1.0160,
3.9690

■ 26.6954, -10.6203,
-9.9540

■ 38.4038, 3.3291,
5.4980

■ 26.4795, -10.5606,
-10.2998

■ 39.8026, 5.7815,
7.0433

■ 41.2539, 8.3583,
8.6013

■ 42.7546, 11.0462,
10.1685

Harmonies

Analogous

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



31.2837, -9.2702, 0.7902



31.2831, -7.8631, -3.2337



31.2837, -4.7862, -6.1809

Triad

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



31.2837, -7.8634, -3.2332



31.2837, 6.0735, -1.4740



31.2837, -2.6106, 8.3928

Complementary

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



31.2831, -7.8631, -3.2337



26.9590, 6.9237, 6.3904

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.



31.2837, 1.5713, 7.9528



31.2831, -7.8631, -3.2337



31.2837, 6.7311, 2.5888

Square

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



31.2837, -7.8634, -3.2332



31.2837, 3.2918, -5.0755



31.2837, 5.0442, 5.9462



31.2837, -6.3423, 7.2384

Rectangle

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



31.2831, -7.8631, -3.2337



31.2837, -2.1268, -6.9474



31.2837, 5.0442, 5.9462



31.2837, -1.2124, 8.4238

Sweetspot

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



31.2837, -7.8634, -3.2332



44.4929, -5.2917, 0.3392



32.2535, -14.5625, 9.4480



21.6291, -2.6771, 0.0867



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.2837, -7.8634, -3.2332



39.8657, -11.6121, -5.7548



26.5928, -0.4961, -9.9412



16.8187, -1.7637, 0.3026



30.1524, -11.9519, -11.8870



68.8981, -26.5738, -28.7514

Inverse Universe

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



26.4541, 13.7523, -6.6694



32.2795, 23.0566, -11.2741



31.1952, -0.7883, 10.2702



16.1923, 0.9033, -0.1045



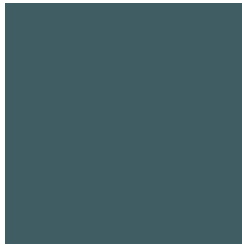
20.6328, 39.2080, -16.6952



47.5727, 90.2113, -37.0236

Previews

White Background



This preview shows how the HunterLab color 31.2831, -7.8631, -3.2337 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 31.2831, -7.8631, -3.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

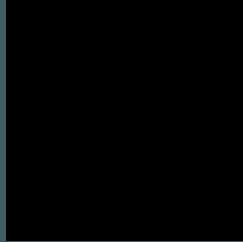
Any Text WCAG AA × Fail

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 31.2831, -7.8631, -3.2337 Background



This preview shows how black text looks on a background with the HunterLab color 31.2831, -7.8631, -3.2337.



This preview shows how white text looks on a background with the HunterLab color 31.2831, -7.8631, -3.2337.

-3.2337.

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

31.2831, -7.8631, -3.2337

Protanopia

31.0948, -0.4307, -1.4905

Deuteranopia

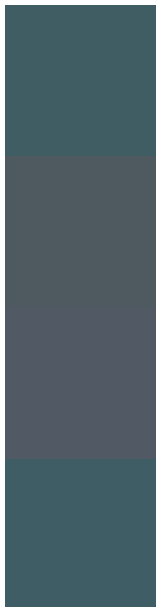
31.2551, 1.8043, -4.0645



Tritanopia

31.3138, -7.6886, -3.6673

Trichromacy



Original Color

31.2831, -7.8631, -3.2337

Protanomaly

30.9984, -3.4262, -2.1253

Deuteranomaly

31.2575, -2.2720, -3.6483

Tritanomaly

31.3138, -7.6886, -3.6673

Monochromacy



Original Color

31.2831, -7.8631, -3.2337

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.4884, -4.2001, -0.0973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2831, -7.8631, -3.2337 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(63, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(63, 93, 99)  
}
```

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(63, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 93, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2831, -7.8631, -3.2337 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(63, 93, 99) }
```


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

```
.border{ border-color:rgb(63, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(63, 93, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2831, -7.8631, -3.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 93, 99) }
```

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

```
.background{ background-color: rgb(63, 93,  
99) }
```

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