

Converting Colors

HunterLab(31.6645, 28.3157,
-21.3174)

Have a look what the booklet for
HunterLab(31.6645, 28.3157,
-21.3174) contains.

HunterLab(31.7835, 28.2514, -21.3151)	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(31.7835, 28.2514,
-21.3151)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4285
RGB	127, 66, 133
RGB Percent	50%, 26%, 52%
CMY	0.5020, 0.7412, 0.4784
CMYK	0.05, 0.50, 0.00, 0.48
HSL	295°, 34%, 39%
HSV	295°, 50%, 52%
XYZ	14.9342, 10.1019, 23.3530
YIQ	91.8770, 14.8490, 33.7690

Conversions

Conversions Part 2

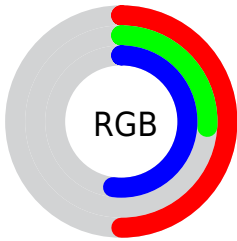
Format	Color
R_{YB}	127, 66, 133
Decimal	8340101
CIE _{Lab}	38.03, 36.94, -26.57
CIE _{LCh}	38, 45.503, 324.273
Yxy	10.1024, 0.3086, 0.2088
Android (android.graphics.Color)	4286530181 (0xFF7F4285)
YUV	91.8770, 20.2736, 30.8029
Hunter-Lab	31.7835, 28.2514, -21.3151

Details

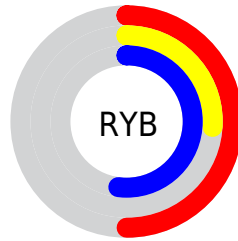
The HunterLab color **31.7835, 28.2514, -21.3151** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43.0655, -25.4452, 18.9946**, and the grayscale version is **32.5930, -1.7391, 1.7708**.

A 20% lighter version of the original color is **50.8524, 30.9305, -22.2857**, and **15.9110, 25.1874, -20.2497** is the 20% darker color. If you saturate the color by 10%, you get **29.3834, 34.0489, -26.0739**, and if you desaturate by 10%, it is **34.5447, 22.1322, -16.4124**.

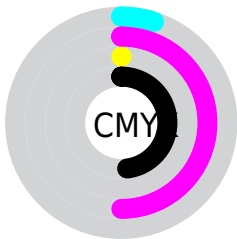
Distribution



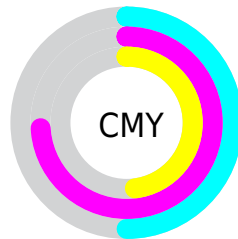
- Red (50%)
- Green (26%)
- Blue (52%)



- Red (50%)
- Yellow (26%)
- Blue (52%)



- Cyan (5%)
- Magenta (50%)
- Yellow (0%)
- Black (48%)













- Cyan (50%)
- Magenta (74%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7835, 28.2514, -21.3151 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 31.7835, 28.2514, -21.3151 by changing the saturation by 10% instead.

 31.7835, 28.2514, -21.3151	 31.7835, 28.2514, -21.3151
138.3478, 37.0530, -24.3162	 23.3813, 26.7188, -20.7742
 50.9783, 30.9278, -22.3549	 15.8862, 25.0770, -20.3345
 61.6495, 32.0858, -22.8043	 9.4259, 23.4397, -20.3134
 72.9762, 33.1360, -23.1965	0.0000, INF, -NF
 84.9225, 34.0875, -23.5307	0.0000, NaN, -NF
 97.4577, 34.9483, -23.8078	0.0000, NaN, NaN
110.5553, 35.7255,	0.0000, NaN, NaN

-24.0296

0.0000, NaN, NaN

124.1922, 36.4253,
-24.1983

■ 31.7835, 28.2514,
-21.3151

■ 31.7835, 28.2514,
-21.3151

■ 29.3834, 34.0489,
-26.0739

■ 34.5447, 22.1322,
-16.4124

■ 27.3906, 39.2252,
-30.4690

■ 37.6163, 15.9082,
-11.5186

■ 25.8446, 43.4198,
-34.2217

■ 40.9548, 9.7102,
-6.7189

■ 24.7613, 46.3078,
-37.0658

■ 44.5221, 3.6092,
-2.0535

■ 24.0103, 48.1713,
-39.1577

■ 48.2864, -2.3635,
2.4652

■ 52.2217, -8.2005,
6.8412

■ 56.3065, -13.9071,
11.0861

■ 60.5235, -19.4951,
15.2148

■ 64.8582, -24.9784,
19.2427

Harmonies

Analogous

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



31.7842, 12.3688, -39.7017



31.7835, 28.2514, -21.3151



31.7842, 36.2673, -1.4194

Triad

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



31.7842, 28.2503, -21.3141



31.7842, 1.5189, 19.4636



31.7842, -25.6859, -13.2799

Complementary

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



31.7835, 28.2514, -21.3151



43.0655, -25.4452, 18.9946

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.



31.7842, -27.4318, 4.5871



31.7835, 28.2514, -21.3151



31.7842, -13.6764, 18.7473

Square

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



31.7842, 28.2503, -21.3141



31.7842, 18.9472, 17.7405



31.7842, -23.5041, 14.7567



31.7842, -18.1302, -33.6421

Rectangle

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



31.7835, 28.2514, -21.3151



31.7842, 35.1053, 8.2866



31.7842, -23.5041, 14.7567



31.7842, -26.8977, -6.6121

Sweetspot

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



31.7842, 28.2503, -21.3141



57.1730, 8.8654, -5.8250



27.5281, 9.1710, -30.6706



26.7342, 4.9016, -3.2957



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.7842, 28.2503, -21.3141



39.0317, 46.2947, -35.5020



31.5090, 25.4918, -5.8995



21.7766, 1.3825, -0.7169



23.4371, 47.0190, -38.2056



1.4342, 2.8458, -2.0935

Inverse Universe

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



30.5799, 21.1492, 7.3257



37.1354, 35.3393, 11.7895



43.2670, -23.7289, 12.1174



21.6679, 0.7029, 1.5661



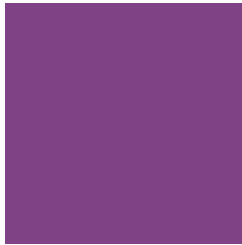
21.8528, 37.5412, 13.2097



1.3021, 2.2684, 0.5435

Previews

White Background



This preview shows how the HunterLab color 31.7835, 28.2514, -21.3151 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 × Fail

Black Background



This preview shows how the HunterLab color 31.7835, 28.2514, -21.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

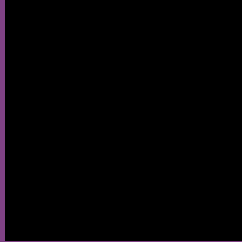
Any Text WCAG AA × Fail

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 31.7835, 28.2514, -21.3151 Background



This preview shows how black text looks on a background with the HunterLab color 31.7835, 28.2514, -21.3151.



This preview shows how white text looks on a background with the HunterLab color 31.7835, 28.2514, -21.3151.

-21.3151.

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

31.7835, 28.2514, -21.3151

Protanopia

32.0986, 6.1501, -34.9834

Deuteranopia

31.9775, 2.2964, -18.7634



Tritanopia

31.8651, 12.6322, 4.2500

Trichromacy



Original Color

31.7835, 28.2514, -21.3151

Protanomaly

31.2411, 12.8473, -31.3633

Deuteranomaly

31.4265, 10.8213, -20.2895

Tritanomaly

31.7298, 17.6927, -3.6273

Monochromacy



Original Color

31.7835, 28.2514, -21.3151

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.0177, 8.4880, -5.8805

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7835, 28.2514, -21.3151 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(127, 66, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 66, 133)  
}
```

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(127, 66, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 66, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7835, 28.2514, -21.3151 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(127, 66, 133) }
```


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

```
.border{ border-color:rgb(127, 66, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 66, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 66, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 66, 133);  
box-shadow:4px 4px 4px 4px rgb(127, 66,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7835, 28.2514, -21.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 66, 133) }
```

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

```
.background{ background-color: rgb(127, 66,  
133) }
```

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