

Converting Colors

HunterLab(31.2512, 30.0817,
-32.5779)

Have a look what the booklet for
HunterLab(31.2512, 30.0817,
-32.5779) contains.

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Color

**HunterLab(31.2513, 30.1046,
-32.5859)**

Conversions

Conversions Part 1

Format	Color
Hex	784093
RGB	120, 64, 147
RGB Percent	47%, 25%, 58%
CMY	0.5294, 0.7490, 0.4235
CMYK	0.18, 0.56, 0.00, 0.42
HSL	280°, 39%, 41%
HSV	280°, 56%, 58%
XYZ	14.8456, 9.7664, 28.7064
YIQ	90.2060, 6.7330, 37.6850

Conversions

Conversions Part 2

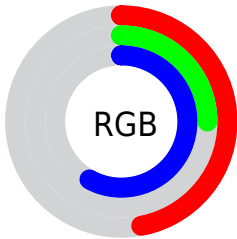
Format	Color
R _Y B	120, 64, 147
Decimal	7880851
CIE Lab	37.42, 39.01, -36.14
CIE LCh	37, 53.179, 317.189
Yxy	9.7668, 0.2784, 0.1832
Android (android.graphics.Color)	4286070931 (0xFF784093)
YUV	90.2060, 27.9994, 26.1293
Hunter-Lab	31.2513, 30.1046, -32.5859

Details

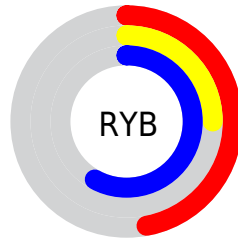
The HunterLab color **31.2513, 30.1046, -32.5859** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **48.4375, -27.0054, 23.4365**, and the grayscale version is **31.9501, -1.7048, 1.7359**.

A 20% lighter version of the original color is **50.2497, 32.8948, -33.6602**, and **15.4517, 26.7030, -32.4741** is the 20% darker color. If you saturate the color by 10%, you get **28.2637, 35.6507, -39.8659**, and if you desaturate by 10%, it is **34.6402, 24.2333, -25.4774**.

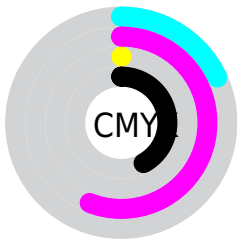
Distribution



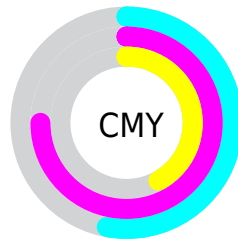
- Red (47%)
- Green (25%)
- Blue (58%)



- Red (47%)
- Yellow (25%)
- Blue (58%)



- Cyan (18%)
- Magenta (56%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2513, 30.1046, -32.5859 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 31.2513, 30.1046, -32.5859 by changing the saturation by 10% instead.

31.2513, 30.1046,
-32.5859

31.2513, 30.1046,
-32.5859

137.4772, 39.6595,
-37.3936

22.9012, 28.4896,
-32.1633

50.3548, 32.9591,
-33.8056

15.4645, 26.7836,
-32.1866

60.9851, 34.2055,
-34.4391

9.0637, 25.1965,
-33.5458

72.2732, 35.3422,
-35.0451

0.0000, INF, -NF

0.0000, NaN, -NF

84.1829, 36.3781,
-35.6111

0.0000, NaN, NaN

96.6833, 37.3211,
-36.1308

0.0000, NaN, NaN

109.7475, 38.1783,

0.0000, NaN, NaN

-36.6015

0.0000, NaN, NaN

123.3524, 38.9560,
-37.0224

■ 31.2513, 30.1046,
-32.5859

■ 31.2513, 30.1046,
-32.5859

■ 28.2637, 35.6507,
-39.8659

■ 34.6402, 24.2333,
-25.4774

■ 25.7459, 40.5057,
-46.9950

■ 38.3636, 18.2696,
-18.7018

■ 23.7626, 44.1852,
-53.4586

■ 42.3677, 12.3381,
-12.3065

■ 22.3136, 46.3526,
-58.7860

■ 46.6086, 6.4964,
-6.2807

■ 21.8392, 47.0459,
-60.6595

■ 51.0513, 0.7636,
-0.5876

■ 55.6683, -4.8607,
4.8177

■ 60.4375, -10.3866,
9.9797

■ 65.3415, -15.8273,
14.9386

■ 70.3660, -21.1970,
19.7292

Harmonies

Analogous

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



31.2519, 9.9449, -53.4845



31.2513, 30.1046, -32.5859



31.2519, 42.8249, -7.0822

Triad

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



31.2519, 30.1040, -32.5848



31.2519, 6.9009, 20.1967



31.2519, -29.5907, -10.4885

Complementary

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



31.2513, 30.1046, -32.5859



48.4375, -27.0054, 23.4365

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.



31.2519, -30.0292, 8.5003



31.2513, 30.1046, -32.5859



31.2519, -11.8014, 20.0573

Square

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



31.2519, 30.1040, -32.5848



31.2519, 27.4193, 18.0120



31.2519, -24.3106, 17.3502



31.2519, -22.9211, -36.3267

Rectangle

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



31.2513, 30.1046, -32.5859



31.2519, 43.7672, 5.7659



31.2519, -24.3106, 17.3502



31.2519, -30.4030, -2.9956

Sweetspot

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



31.2519, 30.1040, -32.5848



61.8571, 9.3825, -9.1027



32.8537, 3.2463, -29.5148



29.0614, 5.1470, -5.0252



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



31.2519, 30.1040, -32.5848



36.7640, 49.7402, -56.1995



34.0121, 35.5300, -17.2079



24.1156, 1.1267, -1.0267



20.3681, 43.8472, -56.3431



2.5838, 5.2900, -5.0363

Inverse Universe

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



32.5968, 29.2279, 2.5946



39.3156, 47.8889, 5.5122



47.4398, -30.6526, 19.7260



24.1757, 1.0625, 1.1234



23.5915, 41.1975, 9.0712



2.7035, 4.8989, -0.3379

Previews

White Background



This preview shows how the HunterLab color 31.2513, 30.1046, -32.5859 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 31.2513, 30.1046, -32.5859 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 31.2513, 30.1046, -32.5859 Background



This preview shows how black text looks on a background with the HunterLab color 31.2513, 30.1046, -32.5859.



This preview shows how white text looks on a background with the HunterLab color 31.2513, 30.1046, -32.5859.

-32.5859.

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

31.2513, 30.1046, -32.5859

Protanopia

31.6170, 8.9858, -49.8309

Deuteranopia

31.5715, 2.0922, -28.5683



Tritanopia

31.2869, 8.5986, 2.7453

Trichromacy



Original Color

31.2513, 30.1046, -32.5859

Protanomaly

30.5392, 14.7557, -45.4913

Deuteranomaly

30.7513, 11.2609, -31.7267

Tritanomaly

30.9155, 15.7320, -7.8832

Monochromacy



Original Color

31.2513, 30.1046, -32.5859

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.3038, 8.9603, -9.0379

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2513, 30.1046, -32.5859 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(120, 64, 147)` looks like.

```
.text, #text, p{  
    color:rgb(120, 64, 147)  
}
```

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(120, 64, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 64, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2513, 30.1046, -32.5859 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(120, 64, 147) }
```


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

```
.border{ border-color:rgb(120, 64, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 64, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 64, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 64, 147);  
box-shadow:4px 4px 4px 4px rgb(120, 64,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2513, 30.1046, -32.5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 64, 147) }
```

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

```
.background{ background-color: rgb(120, 64,  
147) }
```

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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