

Converting Colors

HunterLab(12.9920, 31.2876,
-61.6698)

Have a look what the booklet for
HunterLab(12.9920, 31.2876,
-61.6698) contains.

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Color

**HunterLab(12.9748, 31.2358,
-61.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0070
RGB	43, 0, 112
RGB Percent	17%, 0%, 44%
CMY	0.8314, 1.0000, 0.5608
CMYK	0.62, 1.00, 0.00, 0.56
HSL	263°, 100%, 22%
HSV	263°, 100%, 44%
XYZ	3.9209, 1.6835, 15.4476
YIQ	25.6250, -10.3240, 43.9480

Conversions

Conversions Part 2

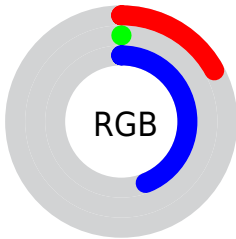
Format	Color
R_{YB}	43, 0, 112
Decimal	2818160
CIE _{Lab}	13.73, 44.62, -53.05
CIE _{LCh}	14, 69.321, 310.065
Yxy	1.6835, 0.1863, 0.0800
Android (android.graphics.Color)	4281008240 (0xFF2B0070)
YUV	25.6250, 42.5829, 15.2379
Hunter-Lab	12.9748, 31.2358, -61.5073

Details

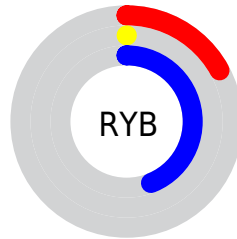
The HunterLab color **12.9748, 31.2358, -61.5073** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.8518, -21.6742, 21.7123**, and the grayscale version is **9.9267, -0.5297, 0.5393**.

A 20% lighter version of the original color is **27.9736, 35.0528, -57.5975**, and **5.9907, 16.2497, -42.5662** is the 20% darker color. If you saturate the color by 10%, you get **12.9751, 31.2362, -61.5057**, and if you desaturate by 10%, it is **14.4550, 28.5100, -53.4699**.

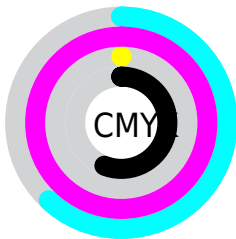
Distribution



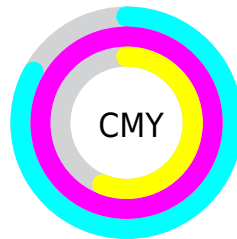
- Red (17%)
- Green (0%)
- Blue (44%)



- Red (17%)
- Yellow (0%)
- Blue (44%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9748, 31.2358, -61.5073 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 12.9748, 31.2358, -61.5073 by changing the saturation by 10% instead.

12.9748, 31.2358,
-61.5073

12.9748, 31.2358,
-61.5073

104.8622, 44.6478,
-61.0469

6.4262, 34.7965,
-78.3911

28.0701, 34.8594,
-57.2142

0.0000, INF, -NF

0.0000, NaN, -NF

36.9491, 36.5932,
-57.1045

0.0000, NaN, -NF

46.6063, 38.2118,
-57.4553

0.0000, NaN, NaN

0.0000, NaN, NaN

56.9833, 39.7122,
-58.0409

0.0000, NaN, NaN

68.0333, 41.0988,
-58.7451

0.0000, NaN, NaN

79.7174, 42.3788,

0.0000, NaN, NaN

-59.5034

■ 92.0031, 43.5595,
-60.2782

■ 12.9748, 31.2358,
-61.5073

■ 12.9748, 31.2358,
-61.5073

■ 12.9751, 31.2362,
-61.5057

■ 14.4550, 28.5100,
-53.4699

■ 16.1962, 25.6093,
-45.6883

■ 18.3609, 22.1194,
-37.7995

■ 20.8711, 18.4245,
-30.3639

■ 23.6579, 14.7343,
-23.5816

■ 26.6673, 11.1379,
-17.4549

■ 29.8583, 7.6602,
-11.9070

■ 33.2006, 4.2970,
-6.8420

■ 36.6713, 1.0335,
-2.1696

Harmonies

Analogous

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



12.9751, 6.1591, -97.0830



12.9748, 31.2358, -61.5073



12.9751, 52.8635, -17.0442

Triad

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



12.9751, 31.2362, -61.5057



12.9751, 13.8719, 9.0826



12.9751, -22.7064, -6.7470

Complementary

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



12.9748, 31.2358, -61.5073



35.8518, -21.6742, 21.7123

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.



12.9751, -22.7064, 9.0705



12.9748, 31.2358, -61.5073



12.9751, -6.3647, 9.0826

Square

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



12.9751, 31.2362, -61.5057



12.9751, 39.5277, 9.0826



12.9751, -17.8155, 9.0826



12.9751, -20.6478, -45.7315

Rectangle

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



12.9748, 31.2358, -61.5073



12.9751, 57.8401, 0.7447



12.9751, -17.8155, 9.0826



12.9751, -22.7064, 0.6677

Sweetspot

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



12.9751, 31.2362, -61.5057



39.2347, 10.5096, -16.3350



23.3117, -2.0743, -24.6598



18.5451, 5.8822, -9.1539



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



12.9751, 31.2362, -61.5057



17.0012, 41.2029, -82.7177



19.5417, 39.4520, -33.7775



18.3224, 0.3526, -0.8520



13.9057, 33.5393, -66.4043



30.2795, 74.1033, -152.9034

Inverse Universe

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



19.6835, 35.8912, -4.2003



26.0422, 47.4027, -4.9128



34.1680, -28.6516, 20.5525



18.5278, 0.9368, 0.2862



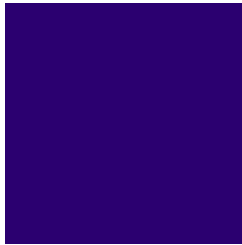
21.1530, 38.5518, -4.3666



47.0290, 85.3852, -7.1812

Previews

White Background



This preview shows how the HunterLab color 12.9748, 31.2358, -61.5073 looks on a white background.

Color Contrast Check

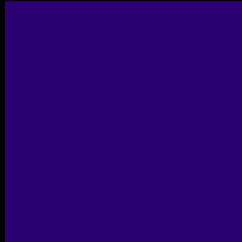
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9748, 31.2358, -61.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

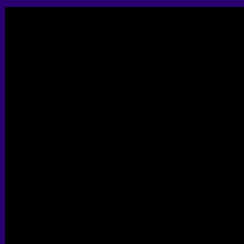
Any Text WCAG AA × Fail

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 12.9748, 31.2358, -61.5073 Background



This preview shows how black text looks on a background with the HunterLab color 12.9748, 31.2358, -61.5073.



This preview shows how white text looks on a background with the HunterLab color 12.9748, 31.2358, -61.5073.

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

12.9748, 31.2358, -61.5073

Protanopia

13.9669, 2.4526, -22.7519

Deuteranopia

13.9102, -1.2167, -14.7599



Tritanopia

13.9032, -6.6520, -3.0179

Trichromacy



Original Color

12.9748, 31.2358, -61.5073

Protanomaly

12.3238, 13.6103, -39.7851

Deuteranomaly

12.0230, 11.0515, -33.7602

Tritanomaly

11.6145, 6.4617, -23.1613

Monochromacy



Original Color

12.9748, 31.2358, -61.5073

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0169, 9.8174, -16.5676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9748, 31.2358, -61.5073 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(43, 0, 112)` looks like.

```
.text, #text, p{  
  color:rgb(43, 0, 112)  
}
```

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(43, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9748, 31.2358, -61.5073 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(43, 0, 112) }
```


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

```
.border{ border-color:rgb(43, 0, 112) }
```

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

Here you see how a box with a 4 pixel rgb(43, 0, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(43, 0, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9748, 31.2358, -61.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 0, 112) }
```

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

```
.background{ background-color: rgb(43, 0,  
112) }
```

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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