

Converting Colors

HunterLab(24.9718, 30.3723,
-64.0144)

Have a look what the booklet for
HunterLab(24.9718, 30.3723,
-64.0144) contains.

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Color

**HunterLab(24.9513, 30.4169,
-64.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	4A31A1
RGB	74, 49, 161
RGB Percent	29%, 19%, 63%
CMY	0.7098, 0.8078, 0.3686
CMYK	0.54, 0.70, 0.00, 0.37
HSL	253°, 53%, 41%
HSV	253°, 70%, 63%
XYZ	10.3554, 6.2257, 34.3741
YIQ	69.2430, -21.0520, 40.1320

Conversions

Conversions Part 2

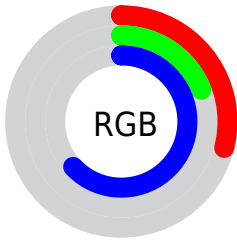
Format	Color
R_{YB}	74, 49, 161
Decimal	4862369
CIE _{Lab}	29.98, 40.64, -56.91
CIE _{LCh}	30, 69.935, 305.529
Yxy	6.2258, 0.2032, 0.1222
Android (android.graphics.Color)	4283052449 (0xFF4A31A1)
YUV	69.2430, 45.2362, 4.1719
Hunter-Lab	24.9513, 30.4169, -64.2148

Details

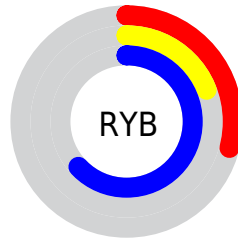
The HunterLab color **24.9513, 30.4169, -64.2148** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **55.6287, -22.0980, 30.7943**, and the grayscale version is **24.3319, -1.2983, 1.3220**.

A 20% lighter version of the original color is **42.8771, 33.8673, -63.7606**, and **10.7137, 26.8908, -71.4408** is the 20% darker color. If you saturate the color by 10%, you get **21.5948, 36.0185, -78.6387**, and if you desaturate by 10%, it is **28.9275, 24.7442, -50.8512**.

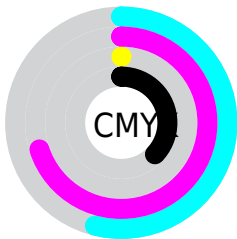
Distribution



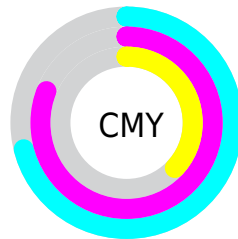
- Red (29%)
- Green (19%)
- Blue (63%)



- Red (29%)
- Yellow (19%)
- Blue (63%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9513, 30.4169, -64.2148 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 24.9513, 30.4169, -64.2148 by changing the saturation by 10% instead.

■ 24.9513, 30.4169,
-64.2148

■ 24.9513, 30.4169,
-64.2148

■ 126.9120, 41.1889,
-68.4206

■ 17.2710, 28.6813,
-66.5294

■ 42.8928, 33.5791,
-63.4945

■ 10.5963, 26.9758,
-72.6873

■ 53.0055, 34.9757,
-63.9043

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.8077, 36.2558,
-64.5239

0.0000, NaN, -NF

■ 75.2579, 37.4278,
-65.2542

0.0000, NaN, -NF

■ 87.3212, 38.4998,
-66.0378

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.9680, 39.4796,

-66.8398

0.0000, NaN, NaN

113.1725, 40.3739,
-67.6387

■ 24.9513, 30.4169,
-64.2148

■ 24.9513, 30.4169,
-64.2148

■ 21.5948, 36.0185,
-78.6387

■ 28.9275, 24.7442,
-50.8512

■ 19.0282, 40.7780,
-92.6241

■ 33.3787, 19.3307,
-38.9872

■ 17.2404, 44.2233,
-104.5605

■ 38.1989, 14.2588,
-28.5480

■ 17.1676, 44.3884,
-105.0938

■ 43.3128, 9.5067,
-19.3008

■ 48.6669, 5.0214,
-11.0022

■ 54.2227, 0.7480,
-3.4446

■ 59.9517, -3.3611,
3.5369

■ 65.8323, -7.3447,
10.0694

■ 71.8478, -11.2332,
16.2507

Harmonies

Analogous

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



24.9516, 3.1337, -89.2517



24.9513, 30.4169, -64.2148



24.9516, 53.9648, -23.5434

Triad

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



24.9516, 30.4178, -64.2139



24.9516, 20.0790, 17.4661



24.9516, -32.1074, -3.1083

Complementary

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



24.9513, 30.4169, -64.2148



55.6287, -22.0980, 30.7943

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.



24.9516, -30.4251, 13.3508



24.9513, 30.4169, -64.2148



24.9516, -5.5055, 17.4661

Square

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



24.9516, 30.4178, -64.2139



24.9516, 46.6199, 15.6318



24.9516, -22.4010, 17.4661



24.9516, -28.3343, -38.2898

Rectangle

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



24.9513, 30.4169, -64.2148



24.9516, 60.9132, -2.1995



24.9516, -22.4010, 17.4661



24.9516, -32.1377, 4.4586

Sweetspot

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



24.9516, 30.4178, -64.2139



63.7965, 7.7945, -16.6733



45.8714, -15.6499, -15.5901



29.0078, 4.3649, -9.1182



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



24.9516, 30.4178, -64.2139



27.0378, 51.6124, -114.8550



30.7537, 42.6769, -45.3082



26.3300, 0.3037, -1.5665



15.3931, 39.7119, -93.5458



2.6249, 6.1403, -11.0565

Inverse Universe

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



33.9870, 46.8231, -18.8686



42.0952, 71.4786, -26.6218



52.3920, -34.8916, 28.3846



26.7862, 1.7462, -0.1678



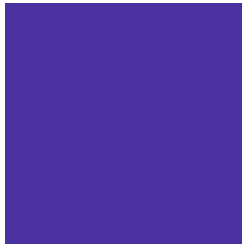
26.9102, 50.5066, -16.8900



3.9812, 7.6051, -3.5297

Previews

White Background



This preview shows how the HunterLab color 24.9513, 30.4169, -64.2148 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 24.9513, 30.4169, -64.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

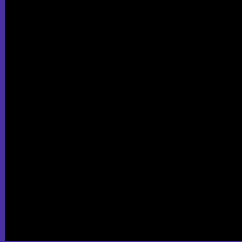
Any Text WCAG AA × Fail

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 24.9513, 30.4169, -64.2148 Background



This preview shows how black text looks on a background with the HunterLab color 24.9513, 30.4169, -64.2148.



This preview shows how white text looks on a background with the HunterLab color 24.9513, 30.4169, -64.2148.

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

24.9513, 30.4169, -64.2148

Protanopia

24.7949, 7.7307, -47.6798

Deuteranopia

24.9406, -0.5563, -29.9727



Tritanopia

24.9611, -6.6851, -3.2268

Trichromacy



Original Color

24.9513, 30.4169, -64.2148

Protanomaly

24.0260, 14.6095, -56.1440

Deuteranomaly

23.8871, 9.0171, -43.8664

Tritanomaly

24.2736, 4.9526, -20.9885

Monochromacy



Original Color

24.9513, 30.4169, -64.2148

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

23.9670, 8.1025, -16.1867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9513, 30.4169, -64.2148 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(74, 49, 161)` looks like.

```
.text, #text, p{  
    color:rgb(74, 49, 161)  
}
```

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(74, 49, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 49, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9513, 30.4169, -64.2148 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(74, 49, 161) }
```


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

```
.border{ border-color:rgb(74, 49, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 49, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 49, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 49, 161);  
box-shadow:4px 4px 4px 4px rgb(74, 49,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.9513, 30.4169, -64.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 49, 161) }
```

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

```
.background{ background-color: rgb(74, 49,  
161) }
```

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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