

Converting Colors

HunterLab(15.4408, 24.0689,
-35.8256)

Have a look what the booklet for
HunterLab(15.4408, 24.0689,
-35.8256) contains.

HunterLab(15.4702, 24.0045, -35.2878)	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(15.4702, 24.0045,
-35.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1463
RGB	61, 20, 99
RGB Percent	24%, 8%, 39%
CMY	0.7608, 0.9216, 0.6118
CMYK	0.38, 0.80, 0.00, 0.61
HSL	271°, 66%, 23%
HSV	271°, 80%, 39%
XYZ	4.4268, 2.3933, 12.0330
YIQ	41.2650, -0.9230, 33.2610

Conversions

Conversions Part 2

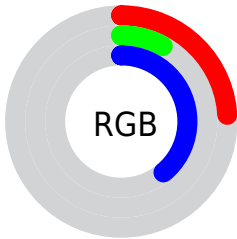
Format	Color
R _Y B	61, 20, 99
Decimal	4002915
CIE Lab	17.43, 35.81, -38.34
CIE LCh	17, 52.460, 313.041
Yxy	2.3933, 0.2348, 0.1269
Android (android.graphics.Color)	4282192995 (0xFF3D1463)
YUV	41.2650, 28.4634, 17.3076
Hunter-Lab	15.4702, 24.0045, -35.2878

Details

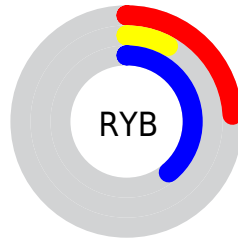
The HunterLab color **15.4702, 24.0045, -35.2878** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **31.4225, -19.0138, 17.7807**, and the grayscale version is **14.8880, -0.7944, 0.8089**.

A 20% lighter version of the original color is **31.3263, 26.8619, -35.6402**, and **5.7105, 14.1210, -29.9653** is the 20% darker color. If you saturate the color by 10%, you get **14.0279, 26.4276, -40.7860**, and if you desaturate by 10%, it is **17.2466, 20.9963, -29.5863**.

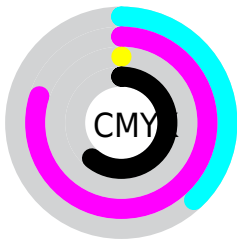
Distribution



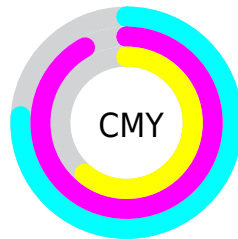
- Red (24%)
- Green (8%)
- Blue (39%)



- Red (24%)
- Yellow (8%)
- Blue (39%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4702, 24.0045, -35.2878 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 15.4702, 24.0045, -35.2878 by changing the saturation by 10% instead.

■ 15.4702, 24.0045,
-35.2878

■ 15.4702, 24.0045,
-35.2878

■ 109.7590, 34.3217,
-39.6376

■ 9.0690, 22.4384,
-37.0841

■ 31.2595, 27.1117,
-35.4380

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.4341, 28.4760,
-36.0033

0.0000, NaN, NaN

■ 50.3636, 29.7129,
-36.6466

0.0000, NaN, NaN

■ 60.9945, 30.8323,
-37.3046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2832, 31.8441,
-37.9454

0.0000, NaN, NaN

■ 84.1934, 32.7577,

0.0000, NaN, NaN

-38.5528

96.6942, 33.5811,
-39.1183

15.4702, 24.0045,
-35.2878

15.4702, 24.0045,
-35.2878

14.0279, 26.4276,
-40.7860

17.2466, 20.9963,
-29.5863

12.7338, 28.7934,
-46.6122

19.3048, 17.7014,
-24.0490

12.7067, 28.8501,
-46.7450

21.5964, 14.3121,
-18.8494

24.0801, 10.9320,
-14.0354

26.7235, 7.6078,
-9.5898

■ 29.5011, 4.3544,
-5.4694

■ 32.3933, 1.1718,
-1.6248

■ 35.3847, -1.9474,
1.9905

■ 38.4634, -5.0126,
5.4170

Harmonies

Analogous

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



15.4705, 6.1886, -56.2449



15.4702, 24.0045, -35.2878



15.4705, 37.2520, -9.4108

Triad

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



15.4705, 24.0046, -35.2871



15.4705, 8.4548, 10.8293



15.4705, -20.3078, -6.6620

Complementary

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



15.4702, 24.0045, -35.2878



31.4225, -19.0138, 17.7807

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.



15.4705, -20.0464, 6.8715



15.4702, 24.0045, -35.2878



15.4705, -6.7783, 10.8293

Square

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



15.4705, 24.0046, -35.2871



15.4705, 26.1951, 10.8293



15.4705, -15.9333, 10.8293



15.4705, -16.6976, -31.7277

Rectangle

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



15.4702, 24.0045, -35.2878



15.4705, 39.4696, 2.2202



15.4705, -15.9333, 10.8293



15.4705, -20.6681, -0.6758

Sweetspot

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



15.4705, 24.0046, -35.2871



36.8409, 7.7739, -9.7520



20.2343, 0.4323, -22.1132



17.5283, 4.3010, -5.4049



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.



15.4705, 24.0046, -35.2871



17.0519, 36.5957, -59.2620



20.0721, 32.3312, -20.9674



16.0400, 0.4295, -0.6258



14.4251, 32.8439, -53.7829



32.5404, 75.0048, -128.4161

Inverse Universe

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



18.5970, 26.5760, -0.8372



22.4301, 38.7927, 1.6892



30.2122, -23.9880, 16.7739



16.1499, 0.6754, 0.4985



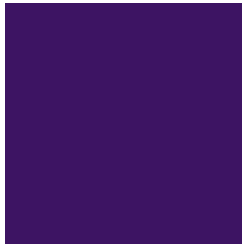
19.2975, 34.4261, 1.7830



44.4043, 78.8465, 6.9659

Previews

White Background



This preview shows how the HunterLab color 15.4702, 24.0045, -35.2878 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 15.4702, 24.0045, -35.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

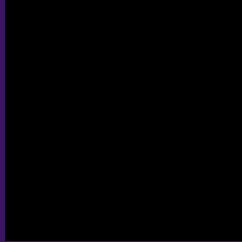
Any Text WCAG AA × Fail

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 15.4702, 24.0045, -35.2878 Background



This preview shows how black text looks on a background with the HunterLab color 15.4702, 24.0045, -35.2878.



This preview shows how white text looks on a background with the HunterLab color 15.4702, 24.0045, -35.2878.

-35.2878.

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

15.4702, 24.0045, -35.2878

Protanopia

15.7033, 3.3164, -26.7868

Deuteranopia

15.5783, -0.7530, -17.8461



Tritanopia

15.8855, 1.6067, 0.5508

Trichromacy



Original Color

15.4702, 24.0045, -35.2878

Protanomaly

14.7070, 9.5538, -32.5195

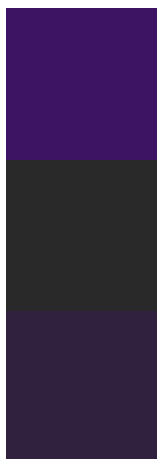
Deuteranomaly

14.5059, 7.1188, -26.9219

Tritanomaly

15.1986, 9.1936, -9.9828

Monochromacy



Original Color

15.4702, 24.0045, -35.2878

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.3663, 7.5650, -9.8238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4702, 24.0045, -35.2878 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(61, 20, 99)` looks like.

```
.text, #text, p{  
    color:rgb(61, 20, 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(61, 20, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 20, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4702, 24.0045, -35.2878 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(61, 20, 99) }
```


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

```
.border{ border-color:rgb(61, 20, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 20, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 20, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 20, 99);  
box-shadow:4px 4px 4px 4px rgb(61, 20, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4702, 24.0045, -35.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 20, 99) }
```

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

```
.background{ background-color: rgb(61, 20,  
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