

Converting Colors

HunterLab(15.3688, 15.4836,
0.0706)

Have a look what the booklet for
HunterLab(15.3688, 15.4836,
0.0706) contains.

HunterLab(15.4405, 15.3724, 0.2505)	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(15.4405, 15.3724,
0.2505)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1A2D
RGB	74, 26, 45
RGB Percent	29%, 10%, 18%
CMY	0.7098, 0.8980, 0.8235
CMYK	0.00, 0.65, 0.39, 0.71
HSL	336°, 48%, 20%
HSV	336°, 65%, 29%
XYZ	3.6671, 2.3841, 2.7495
YIQ	42.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

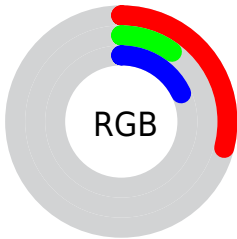
Format	Color
RYB	74, 26, 45
Decimal	4856365
CIELab	17.39, 25.05, -1.11
CIELCh	17, 25.070, 357.455
Yxy	2.3842, 0.4167, 0.2709
Android (android.graphics.Color)	4283046445 (0xFF4A1A2D)
YUV	42.5180, 1.2236, 27.6097
Hunter-Lab	15.4405, 15.3724, 0.2505

Details

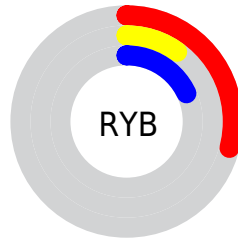
The HunterLab color **15.4405, 15.3724, 0.2505** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.2230, -13.2422, 4.8493**, and the grayscale version is **15.3766, -0.8205, 0.8354**.

A 20% lighter version of the original color is **31.2250, 17.7458, 0.7580**, and **4.8498, 8.3506, 2.7835** is the 20% darker color. If you saturate the color by 10%, you get **14.3704, 17.6100, 0.6847**, and if you desaturate by 10%, it is **16.7087, 12.8887, 0.0246**.

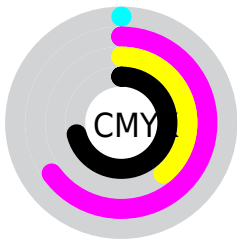
Distribution



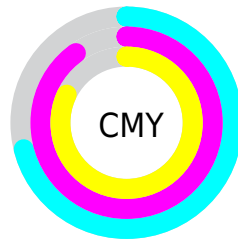
- Red (29%)
- Green (10%)
- Blue (18%)



- Red (29%)
- Yellow (10%)
- Blue (18%)



- Cyan (0%)
- Magenta (65%)
- Yellow (39%)
- Black (71%)



- Cyan (71%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4405, 15.3724, 0.2505 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 15.4405, 15.3724, 0.2505 by changing the saturation by 10% instead.

■ 15.4405, 15.3724,
0.2505

■ 15.4405, 15.3724,
0.2505

■ 109.7022, 21.6924,
4.8537

■ 9.0430, 14.0916,
-0.0181

■ 31.2221, 17.5789,
0.9593

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.3934, 18.4690,
1.3937

0.0000, NaN, NaN

■ 50.3198, 19.2386,
1.8740

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9478, 19.9017,
2.3965

0.0000, NaN, NaN

■ 72.2338, 20.4700,
2.9579

0.0000, NaN, NaN

■ 84.1414, 20.9528,

0.0000, NaN, NaN

3.5559

96.6398, 21.3581,
4.1885

15.4405, 15.3724,
0.2505

15.4405, 15.3724,
0.2505

14.3704, 17.6100,
0.6847

16.7087, 12.8887,
0.0246

13.5189, 19.4572,
1.3304

18.1491, 10.2812,
-0.0147

12.8080, 21.0744,
2.0708

19.7385, 7.6315,
0.1060

12.4338, 22.0182,
2.4144

21.4556, 4.9904,
0.3598

23.2824, 2.3852,
0.7227

■ 25.2038, -0.1718,
1.1748

■ 27.2077, -2.6775,
1.6999

■ 29.2838, -5.1338,
2.2854

■ 31.4240, -7.5447,
2.9213

Harmonies

Analogous

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



15.4409, 12.4943, -7.9357



15.4405, 15.3724, 0.2505



15.4409, 13.2993, 5.7202

Triad

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



15.4409, 15.3714, 0.2509



15.4409, -6.6436, 8.7333



15.4409, -7.5213, -14.6622

Complementary

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



15.4405, 15.3724, 0.2505



23.2230, -13.2422, 4.8493

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.



15.4409, -11.1925, -6.4506



15.4405, 15.3724, 0.2505



15.4409, -10.7540, 6.3336

Square

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



15.4409, 15.3714, 0.2509



15.4409, -0.2120, 9.4847



15.4409, -12.2600, 1.4077



15.4409, -1.4280, -18.6527

Rectangle

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



15.4405, 15.3724, 0.2505



15.4409, 9.5661, 7.7196



15.4409, -12.2600, 1.4077



15.4409, -9.0346, -12.1630

Sweetspot

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



15.4409, 15.3714, 0.2509



29.5342, 4.8194, 0.7038



14.2826, 14.6250, -17.8368



14.6520, 2.6747, 0.3185



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



15.4409, 15.3714, 0.2509



18.2348, 24.8248, 1.3993



15.8118, 11.7887, 6.2844



13.0857, 0.4306, 0.5306



17.2642, 30.4676, 4.1628



41.8245, 73.4249, 13.0792

Inverse Universe

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



15.4409, 15.3714, 0.2509



18.2348, 24.8248, 1.3993



22.3494, -8.7413, -3.5681



13.0857, 0.4306, 0.5306



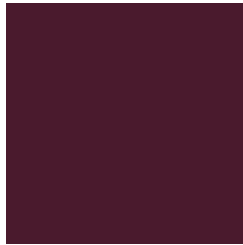
17.2642, 30.4676, 4.1628



41.8245, 73.4249, 13.0792

Previews

White Background



This preview shows how the HunterLab color 15.4405, 15.3724, 0.2505 looks on a white background.

Color Contrast Check

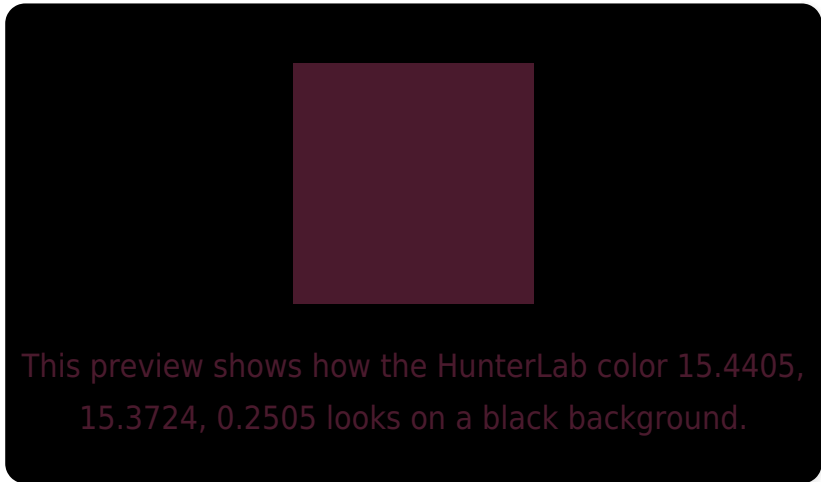
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

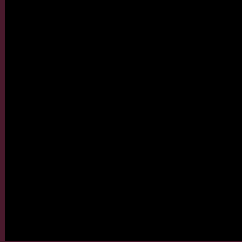
Any Text WCAG AA × Fail

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 15.4405, 15.3724, 0.2505 Background



This preview shows how black text looks on a background with the HunterLab color 15.4405, 15.3724, 0.2505.



This preview shows how white text looks on a background with the HunterLab color 15.4405, 15.3724,

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

15.4405, 15.3724, 0.2505

Protanopia

15.7629, 0.6360, -4.3485

Deuteranopia

15.7585, 1.0875, 1.1304



Tritanopia

15.4730, 12.5417, 4.7866

Trichromacy



Original Color

15.4405, 15.3724, 0.2505

Protanomaly

15.2576, 5.4669, -3.1272

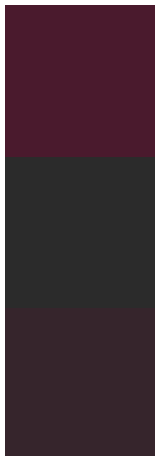
Deuteranomaly

15.3073, 6.2180, 0.3116

Tritanomaly

15.4089, 13.3630, 3.3067

Monochromacy



Original Color

15.4405, 15.3724, 0.2505

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.1303, 4.6381, 0.0668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4405, 15.3724, 0.2505 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, 26, 45)` looks like.

```
.text, #text, p{  
    color:rgb(74, 26, 45)  
}
```

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, 26, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 26, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4405, 15.3724, 0.2505 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, 26, 45) }
```


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

```
.border{ border-color:rgb(74, 26, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 26, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 26, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 26, 45);  
box-shadow:4px 4px 4px 4px rgb(74, 26, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4405, 15.3724, 0.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 26, 45) }
```

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

```
.background{ background-color: rgb(74, 26,  
45) }
```

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