

Converting Colors

HunterLab(15.1735, 14.3167,
3.7183)

Have a look what the booklet for
HunterLab(15.1735, 14.3167,
3.7183) contains.

HunterLab(15.1991, 14.2965, 3.7124)	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(15.1991, 14.2965,
3.7124)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1A22
RGB	74, 26, 34
RGB Percent	29%, 10%, 13%
CMY	0.7098, 0.8980, 0.8667
CMYK	0.00, 0.65, 0.54, 0.71
HSL	350°, 48%, 20%
HSV	350°, 65%, 29%
XYZ	3.4822, 2.3101, 1.7757
YIQ	41.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

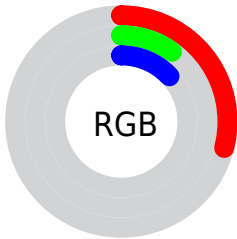
Format	Color
R_{YB}	74, 26, 34
Decimal	4856354
CIE _{Lab}	17.04, 23.66, 6.24
CIE _{LCh}	17, 24.470, 14.780
Yxy	2.3103, 0.4601, 0.3053
Android (android.graphics.Color)	4283046434 (0xFF4A1A22)
YUV	41.2640, -3.5812, 28.7095
Hunter-Lab	15.1991, 14.2965, 3.7124

Details

The HunterLab color **15.1991, 14.2965, 3.7124** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.4746, -11.7423, 1.2402**, and the grayscale version is **14.9824, -0.7994, 0.8140**.

A 20% lighter version of the original color is **30.8946, 16.1334, 5.4872**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **14.1113, 16.5149, 4.4124**, and if you desaturate by 10%, it is **16.4936, 11.8823, 3.1012**.

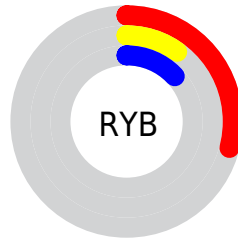
Distribution



Red (29%)

Green (10%)

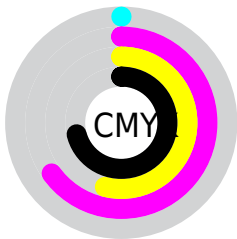
Blue (13%)



Red (29%)

Yellow (10%)

Blue (13%)

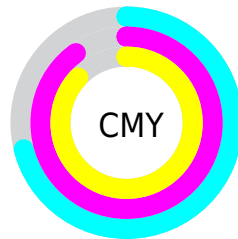


Cyan (0%)

Magenta (65%)

Yellow (54%)

Black (71%)



Cyan (71%)

Magenta (90%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1991, 14.2965, 3.7124 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 15.1991, 14.2965, 3.7124 by changing the saturation by 10% instead.

■ 15.1991, 14.2965,
3.7124

■ 15.1991, 14.2965,
3.7124

■ 109.2373, 20.0931,
11.9902

■ 8.8268, 13.1396,
3.4120

■ 30.9166, 16.3780,
5.4976

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.0603, 17.2059,
6.3857

0.0000, NaN, NaN

■ 49.9614, 17.9149,
7.2823

0.0000, NaN, NaN

■ 60.5657, 18.5193,
8.1914

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.8294, 19.0307,
9.1155


0.0000, NaN, NaN


■ 83.7159, 19.4586,


0.0000, NaN, NaN


10.0562


 96.1941, 19.8106,
11.0142


 15.1991, 14.2965,
3.7124


 15.1991, 14.2965,
3.7124


 14.1113, 16.5149,
4.4124


 16.4936, 11.8823,
3.1012


 13.2534, 18.3921,
5.1679


 17.9667, 9.3906,
2.5912

 12.5472, 20.0829,
5.8583

 19.5930, 6.8957,
2.1826

 12.1787, 21.0810,
6.1282

 21.3499, 4.4401,
1.8678

 23.2183, 2.0438,
1.6361

■ 25.1827, -0.2868,
1.4765

■ 27.2302, -2.5532,
1.3785

■ 29.3505, -4.7606,
1.3331

■ 31.5353, -6.9156,
1.3325

Harmonies

Analogous

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



15.1995, 14.2595, -2.8809



15.1991, 14.2965, 3.7124



15.1995, 9.8216, 7.3290

Triad

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



15.1995, 14.2954, 3.7127



15.1995, -9.0878, 7.3652



15.1995, -4.1466, -17.1313

Complementary

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



15.1991, 14.2965, 3.7124



23.4746, -11.7423, 1.2402

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.



15.1995, -9.1435, -11.0471



15.1991, 14.2965, 3.7124



15.1995, -11.6296, 3.7868

Square

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



15.1995, 14.2954, 3.7127



15.1995, -4.0566, 9.0809



15.1995, -11.6479, -2.7651



15.1995, 2.7302, -17.1816

Rectangle

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



15.1991, 14.2965, 3.7124



15.1995, 5.2772, 8.6656



15.1995, -11.6479, -2.7651



15.1995, -6.0714, -15.6347

Sweetspot

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



15.1995, 14.2954, 3.7127



29.4226, 4.2310, 2.2958



15.4648, 17.4010, -15.0040



14.5919, 2.3589, 1.1758



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.



15.1995, 14.2954, 3.7127



17.8857, 23.3970, 6.4360



17.8508, 7.1450, 7.8781



13.0655, 0.3216, 0.8187



16.9270, 29.2270, 9.0851



41.0876, 70.7081, 23.8804

Inverse Universe

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



15.1995, 14.2954, 3.7127



17.8857, 23.3970, 6.4360



19.3397, -4.5384, -8.0237



13.0655, 0.3216, 0.8187



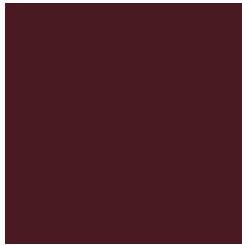
16.9270, 29.2270, 9.0851



41.0876, 70.7081, 23.8804

Previews

White Background



This preview shows how the HunterLab color 15.1991, 14.2965, 3.7124 looks on a white background.

Color Contrast Check

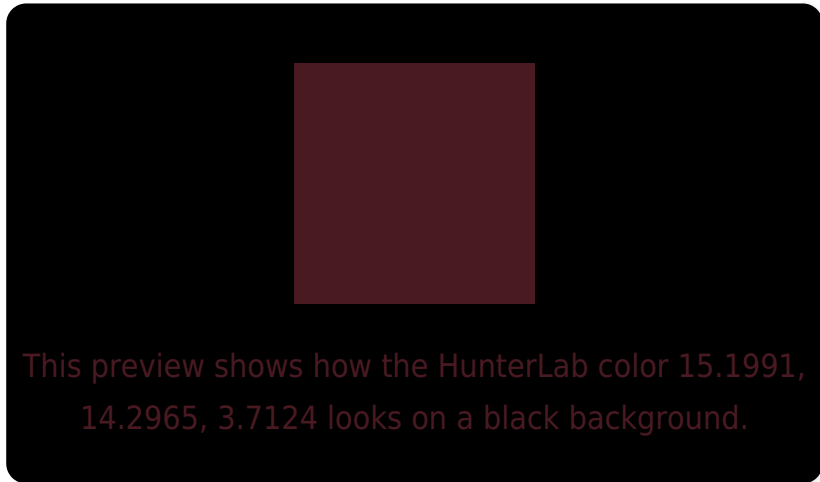
Large Text (above 18pt) WCAG AA ✓ Pass

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

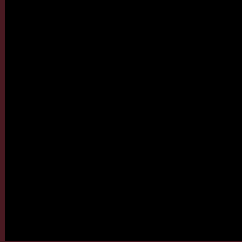
Any Text WCAG AA × Fail

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 15.1991, 14.2965, 3.7124 Background



This preview shows how black text looks on a background with the HunterLab color 15.1991, 14.2965, 3.7124.

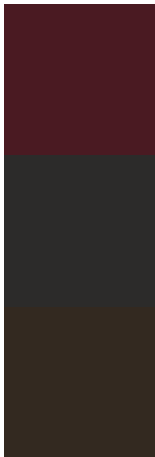


This preview shows how white text looks on a background with the HunterLab color 15.1991, 14.2965,

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

15.1991, 14.2965, 3.7124

Protanopia

15.5897, -0.7126, 1.2631

Deuteranopia

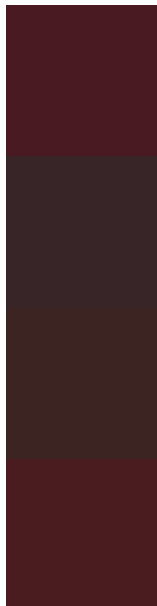
15.4725, 0.8291, 4.3122



Tritanopia

15.2592, 13.5108, 5.1226

Trichromacy



Original Color

15.1991, 14.2965, 3.7124

Protanomaly

15.1058, 4.3275, 1.8500

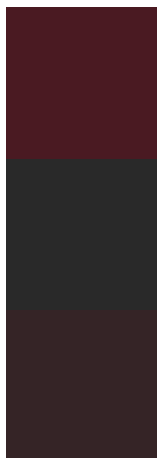
Deuteranomaly

15.1702, 5.3276, 3.8177

Tritanomaly

15.2926, 13.6625, 4.6365

Monochromacy



Original Color

15.1991, 14.2965, 3.7124

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.6921, 4.0418, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1991, 14.2965, 3.7124 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, 34)` looks like.

```
.text, #text, p{  
    color:rgb(74, 26, 34)  
}
```

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, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 26, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1991, 14.2965, 3.7124 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, 34) }
```


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

```
.border{ border-color:rgb(74, 26, 34) }
```

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, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 26, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 26, 34);  
box-shadow:4px 4px 4px 4px rgb(74, 26, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1991, 14.2965, 3.7124 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, 34) }
```

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

```
.background{ background-color: rgb(74, 26,  
34) }
```

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