

Converting Colors

HunterLab(14.1506, 17.4922,
-55.4477)

Have a look what the booklet for
HunterLab(14.1506, 17.4922,
-55.4477) contains.

HunterLab(14.1434, 17.4008, -55.2413)	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(14.1434, 17.4008,
-55.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	001C70
RGB	0, 28, 112
RGB Percent	0%, 11%, 44%
CMY	1.0000, 0.8902, 0.5608
CMYK	1.00, 0.75, 0.00, 0.56
HSL	225°, 100%, 22%
HSV	225°, 100%, 44%
XYZ	3.3399, 2.0004, 15.5393
YIQ	29.2040, -43.6520, 20.1880

Conversions

Conversions Part 2

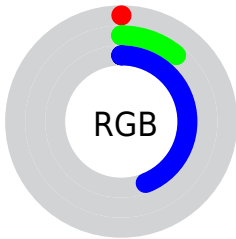
Format	Color
RYB	0, 22, 112
Decimal	7280
CIELab	15.49, 28.04, -50.23
CIELCh	15, 57.524, 299.176
Yxy	2.0004, 0.1600, 0.0958
Android (android.graphics.Color)	4278197360 (0xFF001C70)
YUV	29.2040, 40.8184, -25.6119
Hunter-Lab	14.1434, 17.4008, -55.2413

Details

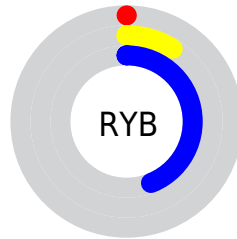
The HunterLab color **14.1434, 17.4008, -55.2413** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.2852, 1.4715, 19.3028**, and the grayscale version is **11.0359, -0.5888, 0.5996**.

A 20% lighter version of the original color is **29.6769, 19.8394, -52.4840**, and **5.9907, 16.2497, -42.5662** is the 20% darker color. If you saturate the color by 10%, you get **14.1416, 17.4061, -55.2506**, and if you desaturate by 10%, it is **15.9014, 13.8022, -47.1167**.

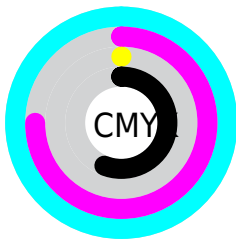
Distribution



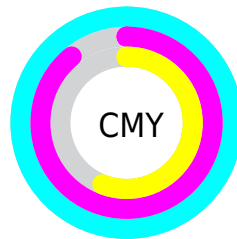
- Red (0%)
- Green (11%)
- Blue (44%)



- Red (0%)
- Yellow (9%)
- Blue (44%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.1434, 17.4008, -55.2413 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 14.1434, 17.4008, -55.2413 by changing the saturation by 10% instead.

■ 14.1434, 17.4008,
-55.2413

■ 14.1434, 17.4008,
-55.2413

■ 107.1815, 25.0814,
-56.8276

■ 7.7955, 16.9500,
-63.3593

■ 29.5725, 19.9433,
-52.5830

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.5933, 20.9987,
-52.7341

0.0000, NaN, -NF

■ 48.3809, 21.9270,
-53.2188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.8794, 22.7421,
-53.8678

0.0000, NaN, NaN

■ 70.0436, 23.4559,
-54.5927

0.0000, NaN, NaN

■ 81.8358, 24.0783,

0.0000, NaN, NaN

-55.3447

94.2242, 24.6178,
-56.0953

14.1434, 17.4008,
-55.2413

14.1434, 17.4008,
-55.2413

14.1416, 17.4061,
-55.2506

15.9014, 13.8022,
-47.1167

17.9075, 10.4823,
-39.5359

20.1694, 7.6612,
-32.4996

22.6401, 5.3178,
-26.1006

25.2820, 3.3902,
-20.3114

■ 28.0664, 1.8094,
-15.0569

■ 30.9711, 0.5126,
-10.2526

■ 33.9794, -0.5524,
-5.8195

■ 37.0780, -1.4282,
-1.6902

Harmonies

Analogous

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



14.1435, -1.1914, -69.8498



14.1434, 17.4008, -55.2413



14.1435, 36.1360, -23.6357

Triad

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



14.1435, 17.4021, -55.2411



14.1435, 18.5179, 9.9004



14.1435, -21.9024, 1.1808

Complementary

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



14.1434, 17.4008, -55.2413



31.2852, 1.4715, 19.3028

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.



14.1435, -19.4009, 9.9004



14.1434, 17.4008, -55.2413



14.1435, -0.3141, 9.9004

Square

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



14.1435, 17.4021, -55.2411



14.1435, 36.9557, 9.9004



14.1435, -12.7672, 9.9004



14.1435, -19.6557, -21.9445

Rectangle

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



14.1434, 17.4008, -55.2413



14.1435, 43.4157, -5.8365



14.1435, -12.7672, 9.9004



14.1435, -21.5889, 5.2075

Sweetspot

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



14.1435, 17.4021, -55.2411



40.7377, 0.8044, -14.0774



34.9694, -23.4505, 6.9155



19.3454, 0.6553, -7.8964



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.



14.1435, 17.4021, -55.2411



18.2663, 24.5029, -75.7260



11.9044, 30.2075, -68.4837



18.5027, -0.7452, -0.6418



15.0947, 19.0422, -59.9736



31.8780, 48.1123, -143.7054

Inverse Universe

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



18.7853, 32.6129, 8.6792



24.8615, 43.0964, 12.0316



36.7061, -18.2773, 22.2976



18.4768, 0.6623, 1.0128



20.1887, 35.0368, 9.4560



44.9262, 77.7070, 23.0645

Previews

White Background



This preview shows how the HunterLab color 14.1434, 17.4008, -55.2413 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 14.1434, 17.4008, -55.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

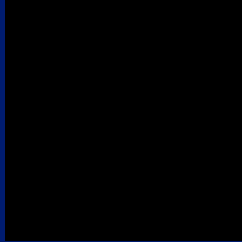
Any Text WCAG AA × Fail

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 14.1434, 17.4008, -55.2413 Background



This preview shows how black text looks on a background with the HunterLab color 14.1434, 17.4008, -55.2413.



This preview shows how white text looks on a background with the HunterLab color 14.1434, 17.4008, -55.2413.

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

14.1434, 17.4008, -55.2413

Protanopia

14.3535, 2.8438, -24.0795

Deuteranopia

14.4849, -1.5223, -14.8187



Tritanopia

14.4292, -7.2952, -2.2871

Trichromacy



Original Color

14.1434, 17.4008, -55.2413

Protanomaly

14.1152, 7.8848, -34.6638

Deuteranomaly

14.0677, 4.5812, -27.4730

Tritanomaly

13.8057, -0.0743, -17.0955

Monochromacy



Original Color

14.1434, 17.4008, -55.2413

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.5026, 2.8101, -14.1906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.1434, 17.4008, -55.2413 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(0, 28, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 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(0, 28, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 14.1434, 17.4008, -55.2413 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(0, 28, 112) }
```


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

```
.border{ border-color:rgb(0, 28, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.1434, 17.4008, -55.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 112) }
```

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

```
.background{ background-color: rgb(0, 28,  
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](#).

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