

Converting Colors

HunterLab(14.7854, 5.3956,
-13.6542)

Have a look what the booklet for
HunterLab(14.7854, 5.3956,
-13.6542) contains.

HunterLab(14.7788, 5.2072, -13.3896)	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(14.7788, 5.2072,
-13.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	272545
RGB	39, 37, 69
RGB Percent	15%, 15%, 27%
CMY	0.8471, 0.8549, 0.7294
CMYK	0.43, 0.46, 0.00, 0.73
HSL	244°, 30%, 21%
HSV	244°, 46%, 27%
XYZ	2.5724, 2.1841, 5.9162
YIQ	41.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

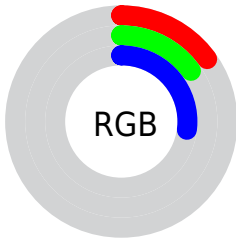
Format	Color
RYB	39, 37, 69
Decimal	2565445
CIELab	16.43, 10.36, -19.85
CIElCh	16, 22.385, 297.556
Yxy	2.1842, 0.2410, 0.2046
Android (android.graphics.Color)	4280755525 (0xFF272545)
YUV	41.2460, 13.6827, -1.9697
Hunter-Lab	14.7788, 5.2072, -13.3896

Details

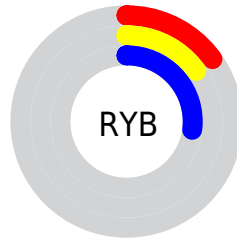
The HunterLab color **14.7788, 5.2072, -13.3896** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23.6286, -5.2643, 10.0757**, and the grayscale version is **14.9301, -0.7966, 0.8112**.

A 20% lighter version of the original color is **30.4916, 5.5664, -13.8385**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **12.9576, 6.9880, -17.6555**, and if you desaturate by 10%, it is **16.7100, 3.5961, -9.6174**.

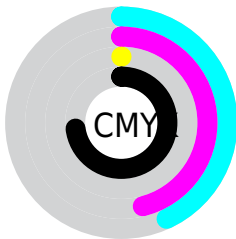
Distribution



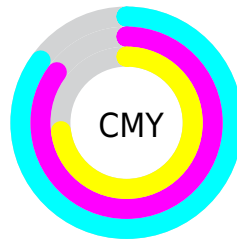
- Red (15%)
- Green (15%)
- Blue (27%)



- Red (15%)
- Yellow (15%)
- Blue (27%)



- Cyan (43%)
- Magenta (46%)
- Yellow (0%)
- Black (73%)



- Cyan (85%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.7788, 5.2072, -13.3896 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 14.7788, 5.2072, -13.3896 by changing the saturation by 10% instead.

■ 14.7788, 5.2072,
-13.3896

■ 14.7788, 5.2072,
-13.3896

■ 108.4231, 5.2525,
-15.7548

■ 8.4342, 4.9639,
-13.2607

■ 30.3829, 5.7937,
-14.3093

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 39.4783, 5.9260,
-14.7077

0.0000, NaN, NaN

■ 49.3347, 5.9739,
-15.0404

0.0000, NaN, NaN

■ 59.8973, 5.9483,
-15.3062

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.1217, 5.8576,
-15.5072

0.0000, NaN, NaN

■ 82.9710, 5.7081,

0.0000, NaN, NaN

-15.6468

95.4139, 5.5050,
-15.7282

14.7788, 5.2072,
-13.3896

14.7788, 5.2072,
-13.3896

12.9576, 6.9880,
-17.6555

16.7100, 3.5961,
-9.6174

11.2735, 8.9652,
-22.5071

18.7307, 2.1226,
-6.2430

9.7659, 11.1356,
-27.9691

20.8266, 0.7580,
-3.1818

8.4869, 13.4169,
-33.8687

22.9873, -0.5215,
-0.3662

7.2589, 16.4282,
-41.2266

25.2047, -1.7346,
2.2564

■ 6.7639, 17.9356,
-44.8706

■ 27.4725, -2.8958,
4.7268

■ 29.7859, -4.0162,
7.0764

■ 32.1408, -5.1048,
9.3295

■ 34.5339, -6.1682,
11.5053

Harmonies

Analogous

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



14.7791, -1.2995, -15.8366



14.7788, 5.2072, -13.3896



14.7791, 10.8138, -6.7589

Triad

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



14.7791, 5.2072, -13.3892



14.7791, 6.2449, 7.7007



14.7791, -11.0026, 1.2848

Complementary

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



14.7788, 5.2072, -13.3896



23.6286, -5.2643, 10.0757

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.



14.7791, -9.6441, 5.7265



14.7788, 5.2072, -13.3896



14.7791, -0.2722, 8.6749

Square

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



14.7791, 5.2072, -13.3892



14.7791, 11.4797, 5.1848



14.7791, -5.9600, 7.9683



14.7791, -10.0253, -5.5400

Rectangle

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



14.7788, 5.2072, -13.3896



14.7791, 12.9109, -1.8842



14.7791, -5.9600, 7.9683



14.7791, -10.8098, 3.0670

Sweetspot

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



14.7791, 5.2072, -13.3892



27.5666, 0.6753, -3.4479



22.1022, -7.4388, -1.6144



14.1851, 0.4496, -2.0118



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



14.7791, 5.2072, -13.3892



16.4162, 9.5371, -24.0513



15.9807, 8.7766, -10.8878



12.1587, -0.1289, -0.5323



9.7448, 26.0210, -66.0494



23.7448, 64.0083, -165.6199

Inverse Universe

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



17.3021, 12.3182, -7.3194



20.6857, 20.4336, -12.2065



22.5922, -9.1369, 9.1678



12.3852, 0.6312, -0.1482



18.6347, 36.1756, -21.0060



45.9509, 89.1206, -51.1462

Previews

White Background



This preview shows how the HunterLab color 14.7788, 5.2072, -13.3896 looks on a white background.

Color Contrast Check

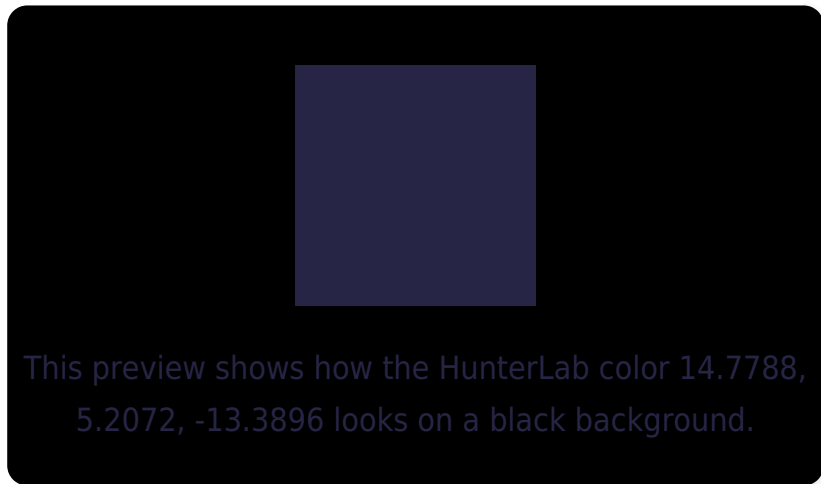
Large Text (above 18pt) WCAG AA ✓ Pass

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

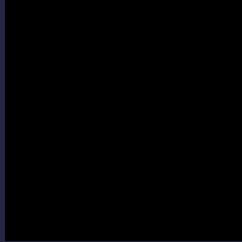
Any Text WCAG AA × Fail

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 14.7788, 5.2072, -13.3896 Background



This preview shows how black text looks on a background with the HunterLab color 14.7788, 5.2072, -13.3896.



This preview shows how white text looks on a background with the HunterLab color 14.7788, 5.2072, -13.3896.

-13.3896.

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

14.7788, 5.2072, -13.3896

Protanopia

14.8495, 2.3158, -15.2882

Deuteranopia

14.7438, 0.4361, -12.8994



Tritanopia

14.7530, -2.2448, -1.3363

Trichromacy



Original Color

14.7788, 5.2072, -13.3896

Protanomaly

14.8232, 3.2962, -14.6521

Deuteranomaly

14.7710, 1.7164, -12.8198

Tritanomaly

14.6330, 0.2259, -5.1201

Monochromacy



Original Color

14.7788, 5.2072, -13.3896

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8584, 0.8046, -3.3279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.7788, 5.2072, -13.3896 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(39, 37, 69)` looks like.

```
.text, #text, p{  
    color:rgb(39, 37, 69)  
}
```

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(39, 37, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 37, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 14.7788, 5.2072, -13.3896 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(39, 37, 69) }
```


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

```
.border{ border-color:rgb(39, 37, 69) }
```

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

Here you see how a box with a 4 pixel rgb(39, 37, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 37, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 37, 69);  
box-shadow:4px 4px 4px 4px rgb(39, 37, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.7788, 5.2072, -13.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 37, 69) }
```

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

```
.background{ background-color: rgb(39, 37,  
69) }
```

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