

Converting Colors

HunterLab(13.9962, 6.3781,
-16.3127)

Have a look what the booklet for
HunterLab(13.9962, 6.3781,
-16.3127) contains.

HunterLab(14.0501, 6.3721, -16.3866)	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(14.0501, 6.3721,
-16.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	242247
RGB	36, 34, 71
RGB Percent	14%, 13%, 28%
CMY	0.8588, 0.8667, 0.7216
CMYK	0.49, 0.52, 0.00, 0.72
HSL	243°, 35%, 21%
HSV	243°, 52%, 28%
XYZ	2.4369, 1.9741, 6.2138
YIQ	38.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

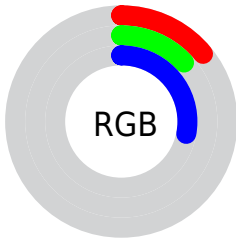
Format	Color
R_YB	36, 34, 71
Decimal	2368071
CIE Lab	15.35, 12.30, -22.95
CIE LCh	15, 26.039, 298.200
Yxy	1.9741, 0.2294, 0.1858
Android (android.graphics.Color)	4280558151 (0xFF242247)
YUV	38.8160, 15.8667, -2.4696
Hunter-Lab	14.0501, 6.3721, -16.3866

Details

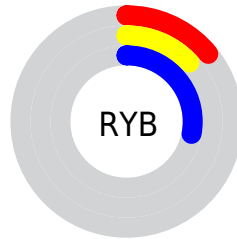
The HunterLab color **14.0501, 6.3721, -16.3866** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **24.2635, -5.7055, 11.1530**, and the grayscale version is **14.1378, -0.7544, 0.7681**.

A 20% lighter version of the original color is **29.4004, 7.3310, -17.5895**, and **3.1755, 6.1731, -17.2952** is the 20% darker color. If you saturate the color by 10%, you get **12.2460, 8.3311, -21.1702**, and if you desaturate by 10%, it is **15.9853, 4.6121, -12.1798**.

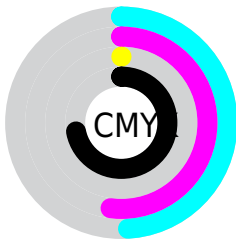
Distribution



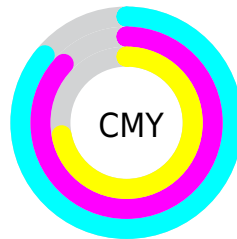
- Red (14%)
- Green (13%)
- Blue (28%)



- Red (14%)
- Yellow (13%)
- Blue (28%)



- Cyan (49%)
- Magenta (52%)
- Yellow (0%)
- Black (72%)



- Cyan (86%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.0501, 6.3721, -16.3866 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 14.0501, 6.3721, -16.3866 by changing the saturation by 10% instead.

■ 14.0501, 6.3721,
-16.3866

■ 14.0501, 6.3721,
-16.3866

■ 106.9984, 7.4000,
-19.4882

■ 7.6966, 6.5595,
-16.9883

■ 29.4533, 7.2325,
-17.3451

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 38.4631, 7.4852,
-17.8265

0.0000, NaN, NaN

■ 48.2405, 7.6452,
-18.2553

0.0000, NaN, NaN

■ 58.7295, 7.7250,
-18.6232

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8847, 7.7337,
-18.9286

0.0000, NaN, NaN

■ 81.6684, 7.6789,

0.0000, NaN, NaN

-19.1729

■ 94.0488, 7.5660,
-19.3586

■ 14.0501, 6.3721,
-16.3866

■ 14.0501, 6.3721,
-16.3866

■ 12.2460, 8.3311,
-21.1702

■ 15.9853, 4.6121,
-12.1798

■ 10.6083, 10.5042,
-26.5971

■ 18.0252, 3.0180,
-8.4483

■ 9.1873, 12.8453,
-32.5849

■ 20.1520, 1.5564,
-5.0940

■ 7.9717, 15.4388,
-39.1550

■ 22.3524, 0.1985,
-2.0355

■ 6.9261, 18.4294,
-46.4401

■ 24.6163, -1.0783,
0.7915

■ 26.9364, -2.2920,
3.4366

■ 29.3068, -3.4563,
5.9381

■ 31.7226, -4.5818,
8.3254

■ 34.1801, -5.6769,
10.6216

Harmonies

Analogous

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



14.0503, -1.1806, -19.6579



14.0501, 6.3721, -16.3866



14.0503, 12.9835, -8.0445

Triad

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



14.0503, 6.3722, -16.3862



14.0503, 7.2731, 8.5558



14.0503, -12.0411, 1.1703

Complementary

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



14.0501, 6.3721, -16.3866



24.2635, -5.7055, 11.1530

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.



14.0503, -10.6486, 6.0750



14.0501, 6.3721, -16.3866



14.0503, -0.3150, 9.7051

Square

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



14.0503, 6.3722, -16.3862



14.0503, 13.5728, 5.6561



14.0503, -6.6872, 8.7971



14.0503, -10.9491, -6.9467

Rectangle

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



14.0501, 6.3721, -16.3866



14.0503, 15.4423, -2.1885



14.0503, -6.6872, 8.7971



14.0503, -11.8548, 3.1900

Sweetspot

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



14.0503, 6.3722, -16.3862



27.7640, 1.0397, -4.3984



22.5162, -8.2126, -1.9667



13.9148, 0.5973, -2.3848



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.



14.0503, 6.3722, -16.3862



15.1867, 11.7448, -29.7871



15.4694, 10.4251, -13.1332



12.1567, -0.1357, -0.5350



9.7169, 26.0000, -66.2745



23.7138, 63.9857, -165.8767

Inverse Universe

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



17.0686, 14.5209, -8.7852



20.3050, 23.8420, -14.4580



23.0581, -10.2404, 10.1375



12.3859, 0.6351, -0.1586



18.6749, 36.3156, -21.5314



46.0570, 89.4904, -52.5353

Previews

White Background



This preview shows how the HunterLab color 14.0501, 6.3721, -16.3866 looks on a white background.

Color Contrast Check

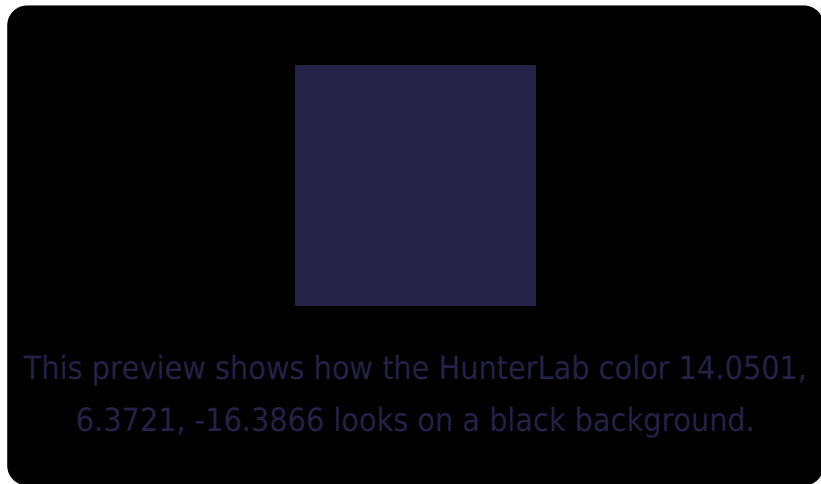
Large Text (above 18pt) WCAG AA ✓ Pass

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

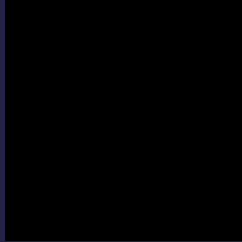
Any Text WCAG AA × Fail

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 14.0501, 6.3721, -16.3866 Background



This preview shows how black text looks on a background with the HunterLab color 14.0501, 6.3721, -16.3866.



This preview shows how white text looks on a background with the HunterLab color 14.0501, 6.3721, -16.3866.

-16.3866.

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

14.0501, 6.3721, -16.3866

Protanopia

13.9653, 3.2040, -19.5992

Deuteranopia

13.7595, -0.3256, -16.4952



Tritanopia

14.1937, -3.1270, -1.2624

Trichromacy



Original Color

14.0501, 6.3721, -16.3866

Protanomaly

13.9655, 4.2368, -18.8248

Deuteranomaly

13.6048, 1.5539, -16.8416

Tritanomaly

13.9423, 0.2341, -6.2462

Monochromacy



Original Color

14.0501, 6.3721, -16.3866

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0507, 1.5617, -4.5307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.0501, 6.3721, -16.3866 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(36, 34, 71)` looks like.

```
.text, #text, p{  
    color:rgb(36, 34, 71)  
}
```

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(36, 34, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 34, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 14.0501, 6.3721, -16.3866 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(36, 34, 71) }
```


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

```
.border{ border-color:rgb(36, 34, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 34, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 34, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 34, 71);  
box-shadow:4px 4px 4px 4px rgb(36, 34, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.0501, 6.3721, -16.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 34, 71) }
```

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

```
.background{ background-color: rgb(36, 34,  
71) }
```

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