

Converting Colors

HunterLab(12.9300, 1.3842,
-16.3581)

Have a look what the booklet for
HunterLab(12.9300, 1.3842,
-16.3581) contains.

HunterLab(12.9300, 1.3842, -16.3581)	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(12.9300, 1.3842,
-16.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	0A2343
RGB	10, 35, 67
RGB Percent	4%, 14%, 26%
CMY	0.9608, 0.8627, 0.7373
CMYK	0.85, 0.48, 0.00, 0.74
HSL	214°, 74%, 15%
HSV	214°, 85%, 26%
XYZ	1.7393, 1.6718, 5.5412
YIQ	31.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

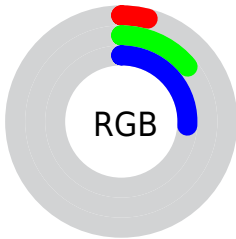
Format	Color
R_{YB}	10, 27, 67
Decimal	664387
CIE Lab	13.66, 3.91, -22.98
CIE LCh	14, 23.306, 279.659
Yxy	1.6719, 0.1943, 0.1868
Android (android.graphics.Color)	4278854467 (0xFF0A2343)
YUV	31.1730, 17.6627, -18.5687
Hunter-Lab	12.9300, 1.3842, -16.3581

Details

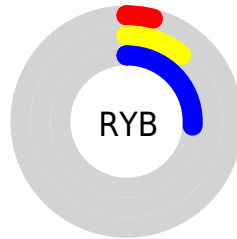
The HunterLab color **12.9300, 1.3842, -16.3581** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.9454, 4.0295, 9.5070**, and the grayscale version is **11.7123, -0.6249, 0.6364**.

A 20% lighter version of the original color is **28.0248, 1.1286, -17.0262**, and **2.9607, 5.4132, -15.3862** is the 20% darker color. If you saturate the color by 10%, you get **11.9125, 2.3900, -19.0476**, and if you desaturate by 10%, it is **13.9899, 0.4845, -13.8761**.

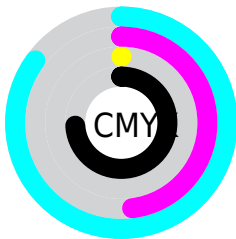
Distribution



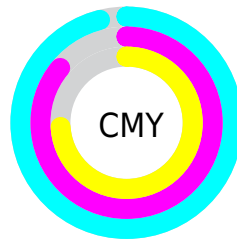
- Red (4%)
- Green (14%)
- Blue (26%)



- Red (4%)
- Yellow (11%)
- Blue (26%)



- Cyan (85%)
- Magenta (48%)
- Yellow (0%)
- Black (74%)



- Cyan (96%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9300, 1.3842, -16.3581 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 12.9300, 1.3842, -16.3581 by changing the saturation by 10% instead.

■ 12.9300, 1.3842,
-16.3581

■ 12.9300, 1.3842,
-16.3581

■ 104.7720, -1.5223,
-19.5036

■ 6.3668, 2.3362,
-18.8612

■ 28.0120, 1.1563,
-17.2880

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.8855, 0.9283,
-17.7771

0.0000, NaN, NaN

■ 46.5375, 0.6395,
-18.2164

0.0000, NaN, NaN

■ 56.9097, 0.2968,
-18.5955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9552, -0.0944,
-18.9123

0.0000, NaN, NaN

■ 79.6352, -0.5301,

0.0000, NaN, NaN

-19.1676

■ 91.9168, -1.0069,
-19.3638

■ 12.9300, 1.3842,
-16.3581

■ 12.9300, 1.3842,
-16.3581

■ 11.9125, 2.3900,
-19.0476

■ 13.9899, 0.4845,
-13.8761

■ 11.4144, 2.8868,
-20.4989

■ 15.1180, -0.2156,
-11.5138

■ 16.3071, -0.7365,
-9.2717

■ 17.5505, -1.0994,
-7.1440

■ 18.8425, -1.3245,
-5.1218

■ 20.1781, -1.4295,
-3.1946

■ 21.5531, -1.4304,
-1.3519

■ 22.9639, -1.3405,
0.4164

■ 24.4074, -1.1715,
2.1197

Harmonies

Analogous

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



12.9302, -4.6021, -15.2203



12.9300, 1.3842, -16.3581



12.9302, 7.8912, -11.5247

Triad

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



12.9302, 1.3845, -16.3578



12.9302, 9.9018, 6.2684



12.9302, -10.1261, 4.0755

Complementary

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



12.9300, 1.3842, -16.3581



16.9454, 4.0295, 9.5070

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.



12.9302, -7.4909, 7.2519



12.9300, 1.3842, -16.3581



12.9302, 3.7493, 8.5055

Square

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



12.9302, 1.3845, -16.3578



12.9302, 13.3886, 2.4759



12.9302, -2.6426, 8.8655



12.9302, -10.5193, -1.3611

Rectangle

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



12.9300, 1.3842, -16.3581



12.9302, 11.3772, -6.4899



12.9302, -2.6426, 8.8655



12.9302, -9.5008, 5.2742

Sweetspot

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



12.9302, 1.3845, -16.3578



25.8495, -1.8403, -4.6384



20.5948, -14.0365, 6.3121



13.0448, -0.9302, -2.5196



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.9302, 1.3845, -16.3578



14.3907, 4.6093, -27.9372



8.4077, 12.5796, -32.0461



11.7444, -0.7215, -0.0953



15.9767, 5.5436, -31.9365



37.7045, 18.8313, -87.7786

Inverse Universe

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



12.3767, 17.6662, 0.3183



14.6694, 26.0767, 2.0765



22.6524, -6.6551, 13.0899



11.6038, 0.3566, 0.4305



16.4519, 29.2121, 2.5860



40.9889, 72.3652, 9.6615

Previews

White Background



This preview shows how the HunterLab color 12.9300, 1.3842, -16.3581 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

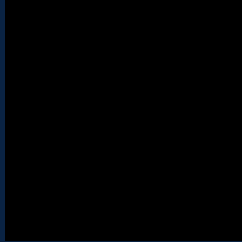
Any Text WCAG AA × Fail

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 12.9300, 1.3842, -16.3581 Background



This preview shows how black text looks on a background with the HunterLab color 12.9300, 1.3842, -16.3581.



This preview shows how white text looks on a background with the HunterLab color 12.9300, 1.3842, -16.3581.

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

12.9300, 1.3842, -16.3581

Protanopia

12.9074, 2.3720, -15.6811

Deuteranopia

12.7304, -0.8522, -14.0723



Tritanopia

12.7209, -6.2167, -2.4798

Trichromacy



Original Color

12.9300, 1.3842, -16.3581

Protanomaly

12.8022, 2.0297, -15.9464

Deuteranomaly

12.8753, -0.2615, -14.4071

Tritanomaly

12.8493, -3.8613, -6.6016

Monochromacy



Original Color

12.9300, 1.3842, -16.3581

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8196, -0.6819, -4.6818

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9300, 1.3842, -16.3581 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(10, 35, 67)` looks like.

```
.text, #text, p{  
    color:rgb(10, 35, 67)  
}
```

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(10, 35, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 35, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9300, 1.3842, -16.3581 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(10, 35, 67) }
```


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

```
.border{ border-color:rgb(10, 35, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 35, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 35, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 35, 67);  
box-shadow:4px 4px 4px 4px rgb(10, 35, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9300, 1.3842, -16.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 35, 67) }
```

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

```
.background{ background-color: rgb(10, 35,  
67) }
```

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