

Converting Colors

HunterLab(15.8695, -12.1148,
9.3881)

Have a look what the booklet for
HunterLab(15.8695, -12.1148,
9.3881) contains.

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Color

**HunterLab(15.9560,
-12.2060, 9.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3402
RGB	13, 52, 2
RGB Percent	5%, 20%, 1%
CMY	0.9490, 0.7961, 0.9922
CMYK	0.75, 0.00, 0.96, 0.80
HSL	107°, 93%, 11%
HSV	107°, 96%, 20%
XYZ	1.4049, 2.5459, 0.4748
YIQ	34.6390, -7.1940, -23.8180

Conversions

Conversions Part 2

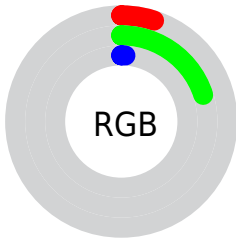
Format	Color
RYB	2, 52, 41
Decimal	865282
CIELab	18.13, -24.38, 24.46
CIELCh	18, 34.536, 134.910
Yxy	2.5460, 0.3174, 0.5753
Android (android.graphics.Color)	4279055362 (0xFF0D3402)
YUV	34.6390, -16.0910, -18.9774
Hunter-Lab	15.9560, -12.2060, 9.4049

Details

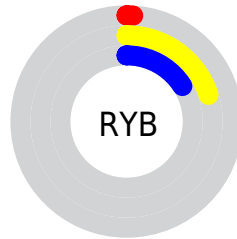
The HunterLab color **15.9560, -12.2060, 9.4049** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.7342, 16.5178, -16.3835**, and the grayscale version is **12.9012, -0.6884, 0.7009**.

A 20% lighter version of the original color is **31.8264, -16.8860, 14.1063**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.9068, -12.4416, 9.5839**, and if you desaturate by 10%, it is **16.0983, -11.5436, 8.9560**.

Distribution



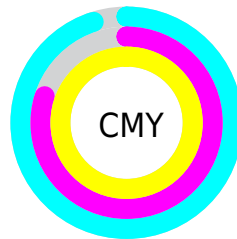
- Red (5%)
- Green (20%)
- Blue (1%)



- Red (1%)
- Yellow (20%)
- Blue (16%)



- Cyan (75%)
- Magenta (0%)
- Yellow (96%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9560, -12.2060, 9.4049 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 15.9560, -12.2060, 9.4049 by changing the saturation by 10% instead.

■ 15.9560, -12.2060,
9.4049

■ 15.9560, -12.2060,
9.4049

■ 110.6891,
-30.4346, 27.8319

■ 9.4848, -11.7096,
6.6394

■ 31.8726, -16.9464,
14.0436

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1017, -19.0694,
16.2387

0.0000, NaN, NaN

■ 51.0817, -21.0936,
18.3214

0.0000, NaN, NaN

■ 61.7597, -23.0461,
20.3216

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0928, -24.9451,
22.2597

0.0000, NaN, NaN

■ 85.0451, -26.8036,

0.0000, NaN, NaN

24.1507

■ 97.5860, -28.6310,
26.0053

■ 15.9560, -12.2060,
9.4049

■ 15.9560, -12.2060,
9.4049

■ 15.9068, -12.4416,
9.5839

■ 16.0983, -11.5436,
8.9560

■ 16.2613, -10.8003,
8.5154

■ 16.4539, -9.9279,
7.9639

■ 16.6783, -8.9186,
7.2762

■ 16.9350, -7.7766,
6.4524

■ 17.2239, -6.5076,
5.4951

■ 17.5448, -5.1193,
4.4090

■ 17.8973, -3.6203,
3.2000

■ 18.2806, -2.0197,
1.8755

Harmonies

Analogous

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



15.9563, -5.4682, 11.1694



15.9560, -12.2060, 9.4049



15.9563, -15.4048, 4.9059

Triad

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



15.9563, -12.2063, 9.4050



15.9563, -5.5190, -28.4460



15.9563, 22.0709, 4.8665

Complementary

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



15.9560, -12.2060, 9.4049



8.7342, 16.5178, -16.3835

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.



15.9563, 22.0476, -4.6119



15.9560, -12.2060, 9.4049



15.9563, 4.3566, -28.4820

Square

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



15.9563, -12.2063, 9.4050



15.9563, -12.2356, -17.9778



15.9563, 14.9648, -18.0581



15.9563, 15.0222, 9.3851

Rectangle

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



15.9560, -12.2060, 9.4049



15.9563, -15.7529, -0.7635



15.9563, 14.9648, -18.0581



15.9563, 22.9369, 2.3445

Sweetspot

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



15.9563, -12.2063, 9.4050



22.8538, -7.5527, 6.4452



15.0822, -0.3882, 9.0608



12.3505, -4.2214, 3.5931



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



15.9563, -12.2063, 9.4050



20.8341, -16.5974, 12.5473



15.8255, -12.5609, 7.7913



9.8323, -1.2718, 1.1641



27.0764, -21.8427, 16.3020



70.7937, -58.4527, 42.5994

Inverse Universe

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



8.7342, 16.5178, -16.3835



10.9724, 22.6895, -23.1330



9.5804, 16.7472, -5.5046



9.4291, 0.2665, -0.1477



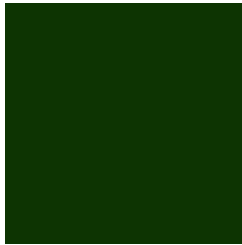
14.1894, 29.4125, -30.4635



36.6602, 76.4112, -81.9646

Previews

White Background



This preview shows how the HunterLab color 15.9560, -12.2060, 9.4049 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

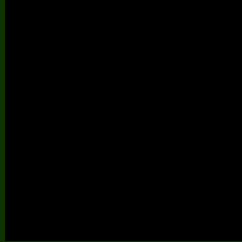
Any Text WCAG AA × Fail

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 15.9560, -12.2060, 9.4049 Background



This preview shows how black text looks on a background with the HunterLab color 15.9560, -12.2060, 9.4049.



This preview shows how white text looks on a background with the HunterLab color 15.9560,

-12.2060, 9.4049.

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

15.9560, -12.2060, 9.4049

Protanopia

15.9840, -2.8031, 9.8002

Deuteranopia

15.8772, 0.5379, 8.6105



Tritanopia

16.0266, -4.9057, -2.2293

Trichromacy



Original Color

15.9560, -12.2060, 9.4049

Protanomaly

15.8411, -7.1533, 9.5285

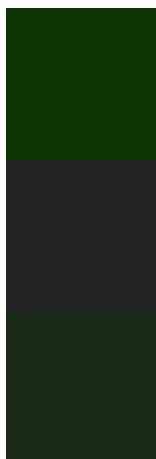
Deuteranomaly

15.5648, -5.4960, 8.6197

Tritanomaly

15.7212, -8.2520, 3.8354

Monochromacy



Original Color

15.9560, -12.2060, 9.4049

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.7140, -5.7828, 4.8448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9560, -12.2060, 9.4049 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(13, 52, 2)` looks like.

```
.text, #text, p{  
    color:rgb(13, 52, 2)  
}
```

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(13, 52, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 52, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9560, -12.2060, 9.4049 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(13, 52, 2) }
```


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

```
.border{ border-color:rgb(13, 52, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 52, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 52, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 52, 2); box-shadow:4px  
4px 4px 4px rgb(13, 52, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9560, -12.2060, 9.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 52, 2) }
```

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

```
.background{ background-color: rgb(13, 52,  
2) }
```

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](#).

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