

Converting Colors

HunterLab(15.9138, 10.2151,
-41.9423)

Have a look what the booklet for
HunterLab(15.9138, 10.2151,
-41.9423) contains.

HunterLab(15.8511, 10.3157, -42.0812)	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(15.8511, 10.3157,
-42.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	00276B
RGB	0, 39, 107
RGB Percent	0%, 15%, 42%
CMY	1.0000, 0.8471, 0.5804
CMYK	1.00, 0.64, 0.00, 0.58
HSL	218°, 100%, 21%
HSV	218°, 100%, 42%
XYZ	3.3794, 2.5126, 14.2168
YIQ	35.0910, -45.0720, 12.8800

Conversions

Conversions Part 2

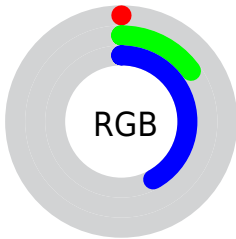
Format	Color
RYB	0, 29, 107
Decimal	10091
CIELab	17.98, 17.97, -42.89
CIELCh	18, 46.497, 292.733
Yxy	2.5126, 0.1681, 0.1250
Android (android.graphics.Color)	4278200171 (0xFF00276B)
YUV	35.0910, 35.4511, -30.7748
Hunter-Lab	15.8511, 10.3157, -42.0812

Details

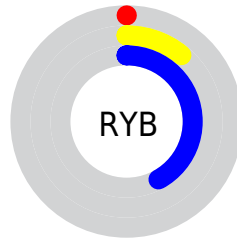
The HunterLab color **15.8511, 10.3157, -42.0812** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.9471, 6.7050, 16.7214**, and the grayscale version is **12.8955, -0.6881, 0.7006**.

A 20% lighter version of the original color is **31.6691, 11.9331, -41.6857**, and **5.6193, 15.2424, -39.9276** is the 20% darker color. If you saturate the color by 10%, you get **15.8496, 10.3194, -42.0872**, and if you desaturate by 10%, it is **17.5190, 7.6244, -36.1473**.

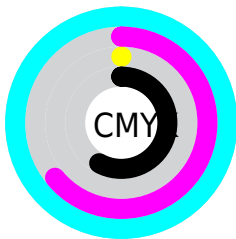
Distribution



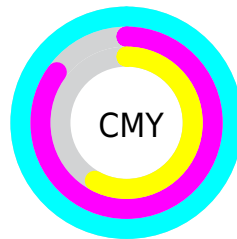
- Red (0%)
- Green (15%)
- Blue (42%)



- Red (0%)
- Yellow (11%)
- Blue (42%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8511, 10.3157, -42.0812 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 15.8511, 10.3157, -42.0812 by changing the saturation by 10% instead.

■ 15.8511, 10.3157,
-42.0812

■ 15.8511, 10.3157,
-42.0812

■ 110.4886, 13.6509,
-46.1071

■ 9.3965, 9.3433,
-44.7283

■ 31.7402, 11.7700,
-41.6593

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.9576, 12.3003,
-42.1554

0.0000, NaN, -NF

■ 50.9267, 12.7252,
-42.7915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5946, 13.0582,
-43.4799

0.0000, NaN, NaN

■ 72.9182, 13.3097,
-44.1752

0.0000, NaN, NaN

■ 84.8614, 13.4881,

0.0000, NaN, NaN

-44.8529

97.3937, 13.6000,
-45.4994

15.8511, 10.3157,
-42.0812

15.8511, 10.3157,
-42.0812

15.8496, 10.3194,
-42.0872

17.5190, 7.6244,
-36.1473

19.3274, 5.2149,
-30.6704

21.3068, 3.2412,
-25.5211

23.4333, 1.6663,
-20.7258

25.6864, 0.4400,
-16.2720

■ 28.0487, -0.4884,
-12.1283

■ 30.5064, -1.1648,
-8.2569

■ 33.0480, -1.6289,
-4.6199

■ 35.6641, -1.9135,
-1.1823

Harmonies

Analogous

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



15.8513, -3.9584, -47.3372



15.8511, 10.3157, -42.0812



15.8513, 25.1240, -22.1209

Triad

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



15.8513, 10.3166, -42.0808



15.8513, 17.8378, 11.0959



15.8513, -19.1197, 3.6460

Complementary

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



15.8511, 10.3157, -42.0812



26.9471, 6.7050, 16.7214

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.



15.8513, -16.5152, 10.3540



15.8511, 10.3157, -42.0812



15.8513, 2.5254, 11.0959

Square

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



15.8513, 10.3166, -42.0808



15.8513, 30.3733, 7.6900



15.8513, -9.5807, 11.0959



15.8513, -18.2294, -11.7376

Rectangle

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



15.8511, 10.3157, -42.0812



15.8513, 31.7810, -8.2080



15.8513, -9.5807, 11.0959



15.8513, -18.6463, 6.5255

Sweetspot

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



15.8513, 10.3166, -42.0808



40.5353, -1.4929, -11.4803



33.0607, -23.8724, 10.2119



19.4223, -0.6050, -6.4465



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



15.8513, 10.3166, -42.0808



20.6835, 15.0726, -58.3900



10.7581, 28.2850, -69.5365



17.8578, -0.9609, -0.4171



17.3227, 11.7604, -47.0392



37.0945, 31.5214, -114.4106

Inverse Universe

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



18.0902, 31.7863, 5.4127



24.1602, 42.3684, 7.9121



35.8174, -14.1140, 21.8229



17.7012, 0.6981, 0.7566



19.9381, 35.0101, 6.1747



44.8345, 78.3970, 16.4398

Previews

White Background



This preview shows how the HunterLab color 15.8511, 10.3157, -42.0812 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 15.8511, 10.3157, -42.0812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

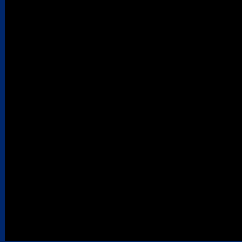
Any Text WCAG AA × Fail

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 15.8511, 10.3157, -42.0812 Background



This preview shows how black text looks on a background with the HunterLab color 15.8511, 10.3157, -42.0812.



This preview shows how white text looks on a background with the HunterLab color 15.8511, 10.3157, -42.0812.

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

15.8511, 10.3157, -42.0812

Protanopia

15.8128, 3.8856, -28.1525

Deuteranopia

15.8242, -1.1597, -17.2754



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.8511, 10.3157, -42.0812

Protanomaly

15.8713, 5.8036, -32.3661

Deuteranomaly

15.6494, 3.0346, -26.1111

Tritanomaly

15.6046, -2.3758, -14.3758

Monochromacy



Original Color

15.8511, 10.3157, -42.0812

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.3013, 0.9327, -11.4666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8511, 10.3157, -42.0812 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, 39, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 107)  
}
```

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, 39, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8511, 10.3157, -42.0812 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, 39, 107) }
```


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

```
.border{ border-color:rgb(0, 39, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8511, 10.3157, -42.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 107) }
```

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

```
.background{ background-color: rgb(0, 39,  
107) }
```

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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