

Converting Colors

HunterLab(15.9943, -1.3490,
-10.5381)

Have a look what the booklet for
HunterLab(15.9943, -1.3490,
-10.5381) contains.

HunterLab(15.9797, -1.4488, -10.4700)	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(15.9797, -1.4488,
-10.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	172E44
RGB	23, 46, 68
RGB Percent	9%, 18%, 27%
CMY	0.9098, 0.8196, 0.7333
CMYK	0.66, 0.32, 0.00, 0.73
HSL	209°, 49%, 18%
HSV	209°, 66%, 27%
XYZ	2.3737, 2.5535, 5.8366
YIQ	41.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

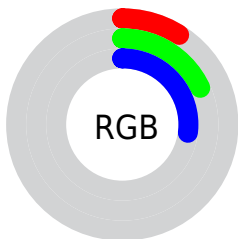
Format	Color
RYB	23, 38, 68
Decimal	1519172
CIELab	18.16, -1.09, -16.52
CIElCh	18, 16.551, 266.239
Yxy	2.5536, 0.2205, 0.2372
Android (android.graphics.Color)	4279709252 (0xFF172E44)
YUV	41.6310, 12.9999, -16.3394
Hunter-Lab	15.9797, -1.4488, -10.4700

Details

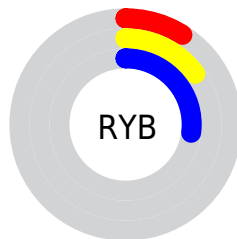
The HunterLab color **15.9797, -1.4488, -10.4700** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7982, 3.7250, 8.3316**, and the grayscale version is **15.0603, -0.8036, 0.8183**.

A 20% lighter version of the original color is **32.0232, -2.6516, -10.9057**, and **3.0314, 5.6662, -16.0208** is the 20% darker color. If you saturate the color by 10%, you get **14.9453, -0.9209, -12.5028**, and if you desaturate by 10%, it is **17.0715, -1.8002, -8.5059**.

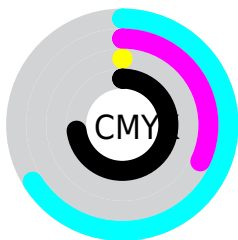
Distribution



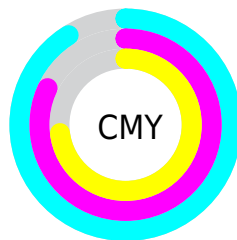
- Red (9%)
- Green (18%)
- Blue (27%)



- Red (9%)
- Yellow (15%)
- Blue (27%)



- Cyan (66%)
- Magenta (32%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9797, -1.4488, -10.4700 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 15.9797, -1.4488, -10.4700 by changing the saturation by 10% instead.

■ 15.9797, -1.4488,
-10.4700

■ 15.9797, -1.4488,
-10.4700

■ 110.7342, -7.0553,
-11.8271

■ 9.5047, -1.0073,
-10.0572

■ 31.9023, -2.4555,
-11.2377

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.1341, -3.0156,
-11.5187

0.0000, NaN, NaN

■ 51.1165, -3.6107,
-11.7274

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7968, -4.2390,
-11.8674

0.0000, NaN, NaN

■ 73.1321, -4.8990,
-11.9432

0.0000, NaN, NaN

■ 85.0864, -5.5891,

0.0000, NaN, NaN

-11.9592

■ 97.6292, -6.3083,
-11.9193

■ 15.9797, -1.4488,
-10.4700

■ 15.9797, -1.4488,
-10.4700

■ 14.9453, -0.9209,
-12.5028

■ 17.0715, -1.8002,
-8.5059

■ 13.9724, -0.2016,
-14.6004

■ 18.2147, -1.9927,
-6.6126

■ 13.0290, 0.5947,
-16.8481

■ 19.4051, -2.0437,
-4.7881

■ 12.6690, 0.8971,
-17.7717

■ 20.6383, -1.9693,
-3.0284

■ 21.9106, -1.7841,
-1.3288

■ 23.2188, -1.5013,
0.3160

■ 24.5598, -1.1320,
1.9113

■ 25.9312, -0.6863,
3.4624

■ 27.3307, -0.1725,
4.9740

Harmonies

Analogous

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



15.9800, -5.6235, -8.1815



15.9797, -1.4488, -10.4700



15.9800, 3.3929, -9.0627

Triad

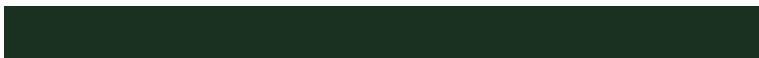
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.9800, -1.4487, -10.4697



15.9800, 8.2017, 4.2571



15.9800, -7.7662, 4.9875

Complementary

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



15.9797, -1.4488, -10.4700



17.7982, 3.7250, 8.3316

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.



15.9800, -4.6981, 6.8697



15.9797, -1.4488, -10.4700



15.9800, 4.5513, 6.5426

Square

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



15.9800, -1.4487, -10.4697



15.9800, 9.3310, 0.2888



15.9800, -0.2494, 7.3422



15.9800, -8.9915, 1.4298

Rectangle

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



15.9797, -1.4488, -10.4700



15.9800, 6.3003, -6.3905



15.9800, -0.2494, 7.3422



15.9800, -6.9351, 5.7918

Sweetspot

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



15.9800, -1.4487, -10.4697



28.0971, -2.4834, -2.7903



21.2227, -12.8373, 5.9868



14.5060, -1.3089, -1.6068



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.



15.9800, -1.4487, -10.4697



18.9017, -0.6586, -18.1834



11.1474, 8.0074, -22.0783



11.7985, -0.8107, -0.0300



17.6126, 2.3535, -27.0947



41.9458, 10.0211, -74.0612

Inverse Universe

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



14.2797, 14.8052, -1.6741



16.9323, 23.6760, -1.7110



23.0976, -5.1755, 12.0609



11.6094, 0.3864, 0.3516



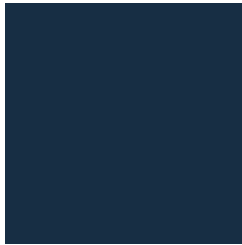
16.6196, 29.8226, 0.1883



41.4029, 73.8760, 3.7122

Previews

White Background



This preview shows how the HunterLab color 15.9797, -1.4488, -10.4700 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

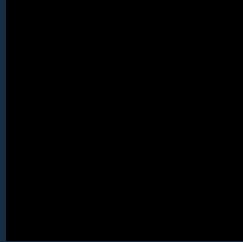
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

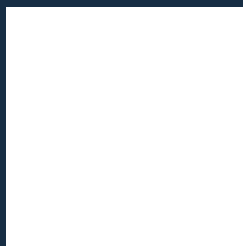
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.9797, -1.4488, -10.4700 Background



This preview shows how black text looks on a background with the HunterLab color 15.9797, -1.4488, -10.4700.



This preview shows how white text looks on a background with the HunterLab color 15.9797, -1.4488, -10.4700.

-10.4700.

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

15.9797, -1.4488, -10.4700

Protanopia

16.0873, 1.2174, -9.0618

Deuteranopia

15.8928, 0.7128, -10.5967



Tritanopia

15.9594, -6.4319, -2.7914

Trichromacy



Original Color

15.9797, -1.4488, -10.4700

Protanomaly

16.0907, 0.0981, -9.6500

Deuteranomaly

15.9854, -0.1872, -10.4371

Tritanomaly

15.9329, -4.8952, -5.1640

Monochromacy



Original Color

15.9797, -1.4488, -10.4700

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.2450, -1.4515, -2.8122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9797, -1.4488, -10.4700 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(23, 46, 68)` looks like.

```
.text, #text, p{  
    color:rgb(23, 46, 68)  
}
```

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(23, 46, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 46, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9797, -1.4488, -10.4700 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(23, 46, 68) }
```


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

```
.border{ border-color:rgb(23, 46, 68) }
```

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

Here you see how a box with a 4 pixel rgb(23, 46, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 46, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 46, 68);  
box-shadow:4px 4px 4px 4px rgb(23, 46, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9797, -1.4488, -10.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 46, 68) }
```

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

```
.background{ background-color: rgb(23, 46,  
68) }
```

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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