

Converting Colors

HunterLab(14.2534, -15.2338,
1.3074)

Have a look what the booklet for
HunterLab(14.2534, -15.2338,
1.3074) contains.

HunterLab(15.5395, -10.2565, 2.7178)	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(15.5395,
-10.2565, 2.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	003225
RGB	0, 50, 37
RGB Percent	0%, 20%, 15%
CMY	1.0000, 0.8039, 0.8549
CMYK	1.00, 0.00, 0.26, 0.80
HSL	164°, 100%, 10%
HSV	164°, 100%, 20%
XYZ	1.4745, 2.4148, 2.1386
YIQ	33.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

Format	Color
RYB	0, 29, 50
Decimal	12837
CIELab	17.53, -19.82, 3.85
CIElCh	18, 20.188, 169.017
Yxy	2.4149, 0.2446, 0.4006
Android (android.graphics.Color)	4278202917 (0xFF003225)
YUV	33.5680, 1.6920, -29.4391
Hunter-Lab	15.5395, -10.2565, 2.7178

Details

The HunterLab color **15.5395, -10.2565, 2.7178** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.4096, 14.7465, 2.7552**, and the grayscale version is **12.5122, -0.6676, 0.6798**.

A 20% lighter version of the original color is **31.4044, -14.2444, 4.0311**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5398, -10.2568, 2.7180**, and if you desaturate by 10%, it is **15.6698, -9.6749, 2.4515**.

Distribution



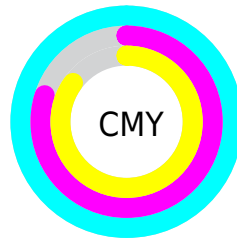
- Red (0%)
- Green (20%)
- Blue (15%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5395, -10.2565, 2.7178 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 15.5395, -10.2565, 2.7178 by changing the saturation by 10% instead.

■ 15.5395, -10.2565,
2.7178

■ 15.5395, -10.2565,
2.7178

■ 109.8922,
-25.9222, 9.7561

■ 9.1297, -9.9464,
2.2432

■ 31.3471, -14.2350,
4.1324

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5296, -16.0396,
4.8667

0.0000, NaN, NaN

■ 50.4663, -17.7735,
5.6232

0.0000, NaN, NaN

■ 61.1040, -19.4574,
6.4028

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.3991, -21.1055,
7.2060


0.0000, NaN, NaN


■ 84.3153, -22.7278,


0.0000, NaN, NaN


8.0328


 96.8219, -24.3316,
8.8829


 15.5395, -10.2565,
2.7178


 15.5395, -10.2565,
2.7178


 15.5398, -10.2568,
2.7180

 15.6698, -9.6749,
2.4515

 15.7997, -9.0979,
2.1761

 15.9444, -8.4661,
1.9096

 16.1202, -7.7177,
1.6721

 16.3281, -6.8537,
1.4663

■ 16.5688, -5.8766,
1.2946

■ 16.8425, -4.7914,
1.1585

■ 17.1491, -3.6040,
1.0589

■ 17.4884, -2.3217,
0.9963

Harmonies

Analogous

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



15.5398, -8.3218, 6.2805



15.5395, -10.2565, 2.7178



15.5398, -9.9566, -2.9832

Triad

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



15.5398, -10.2566, 2.7180



15.5398, 2.9364, -12.7319



15.5398, 7.0999, 6.8720

Complementary

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



15.5395, -10.2565, 2.7178



8.4096, 14.7465, 2.7552

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.



15.5398, 11.0554, 3.8956



15.5395, -10.2565, 2.7178



15.5398, 8.4207, -7.7460

Square

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



15.5398, -10.2566, 2.7180



15.5398, -2.8794, -13.4126



15.5398, 11.5711, -1.2926



15.5398, 1.3314, 8.1024

Rectangle

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



15.5395, -10.2565, 2.7178



15.5398, -8.5161, -7.3318



15.5398, 11.5711, -1.2926



15.5398, 8.7194, 6.1143

Sweetspot

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



15.5398, -10.2566, 2.7180



21.2168, -6.2638, 1.4858



15.3929, -11.7279, 9.2795



11.6268, -3.5080, 0.8233



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

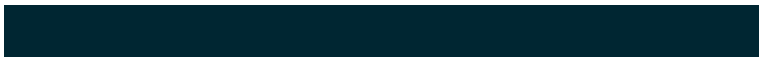
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5398, -10.2566, 2.7180



19.6094, -13.0530, 3.6676



12.7984, -4.5506, -6.1731



9.8381, -1.1716, 0.5545



27.5324, -18.5019, 5.5272



72.1448, -49.2367, 16.1131

Inverse Universe

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



8.4096, 14.7465, 2.7552



10.5867, 18.4999, 3.9739



9.6597, 9.7591, 6.1229



9.4247, 0.1665, 0.5058



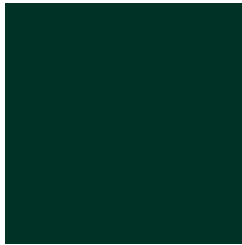
14.8288, 25.8175, 6.3049



38.7330, 67.0777, 19.2440

Previews

White Background



This preview shows how the HunterLab color 15.5395, -10.2565, 2.7178 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 15.5395, -10.2565, 2.7178 Background



This preview shows how black text looks on a background with the HunterLab color 15.5395, -10.2565, 2.7178.



This preview shows how white text looks on a background with the HunterLab color 15.5395,

-10.2565, 2.7178.

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

15.5395, -10.2565, 2.7178

Protanopia

15.8783, -1.2372, 4.1115

Deuteranopia

15.7497, 0.8804, 2.4945



Tritanopia

15.7226, -6.0518, -2.6691

Trichromacy



Original Color

15.5395, -10.2565, 2.7178

Protanomaly

15.3341, -5.6977, 3.2009

Deuteranomaly

15.2440, -4.6173, 2.1803

Tritanomaly

15.7047, -7.7454, -0.6114

Monochromacy



Original Color

15.5395, -10.2565, 2.7178

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.4518, -5.0555, 1.1919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5395, -10.2565, 2.7178 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, 50, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 37)  
}
```

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, 50, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5395, -10.2565, 2.7178 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, 50, 37) }
```


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

```
.border{ border-color:rgb(0, 50, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 50, 37); box-shadow:4px  
4px 4px 4px rgb(0, 50, 37) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.5395, -10.2565, 2.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 37) }
```

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

```
.background{ background-color: rgb(0, 50,  
37) }
```

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