

Converting Colors

HunterLab(28.3215, -15.4582,
10.3797)

Have a look what the booklet for
HunterLab(28.3215, -15.4582,
10.3797) contains.

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Color

**HunterLab(28.3215,
-15.4582, 10.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	305934
RGB	48, 89, 52
RGB Percent	19%, 35%, 20%
CMY	0.8118, 0.6510, 0.7961
CMYK	0.46, 0.00, 0.42, 0.65
HSL	126°, 30%, 27%
HSV	126°, 46%, 35%
XYZ	5.4111, 8.0211, 4.5118
YIQ	72.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

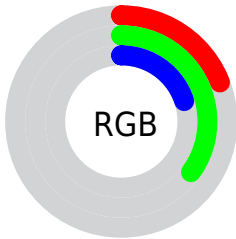
Format	Color
R_{YB}	48, 85, 89
Decimal	3168564
CIE _{Lab}	34.03, -23.29, 17.04
CIE _{LCh}	34, 28.857, 143.797
Yxy	8.0214, 0.3016, 0.4470
Android (android.graphics.Color)	4281358644 (0xFF305934)
YUV	72.5230, -10.1178, -21.5067
Hunter-Lab	28.3215, -15.4582, 10.3797

Details

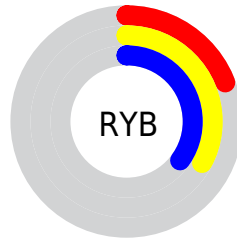
The HunterLab color $[28.3215, -15.4582, 10.3797]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.1219, 16.2903, -9.1183]$, and the grayscale version is $[25.6809, -1.3703, 1.3953]$.

A 20% lighter version of the original color is $[46.8054, -19.3101, 13.5502]$, and $[13.2270, -10.8028, 7.0603]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.8568, -17.5621, 11.7925]$, and if you desaturate by 10%, it is $[28.8766, -13.0083, 8.7792]$.

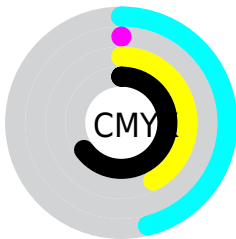
Distribution



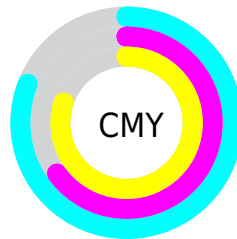
- Red (19%)
- Green (35%)
- Blue (20%)



- Red (19%)
- Yellow (33%)
- Blue (35%)



- Cyan (46%)
- Magenta (0%)
- Yellow (42%)
- Black (65%)



- Cyan (81%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3215, -15.4582, 10.3797 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 28.3215, -15.4582, 10.3797 by changing the saturation by 10% instead.

■ 28.3215, -15.4582,
10.3797

■ 28.3215, -15.4582,
10.3797

■ 132.6272,
-32.1349, 24.1032

■ 20.2698, -13.2119,
8.6014

■ 46.9046, -19.5379,
13.6520

■ 13.1701, -10.7237,
6.9716

■ 57.3022, -21.4495,
15.2044

■ 6.6773, -11.6853,
4.6741

■ 68.3715, -23.3058,
16.7238

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0740, -25.1207,
18.2205

0.0000, NaN, NaN

■ 92.3771, -26.9043,
19.7019

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.2528,

-28.6642, 21.1735

0.0000, NaN, NaN

118.6767,
-30.4062, 22.6396

■ 28.3215, -15.4582,
10.3797

■ 28.3215, -15.4582,
10.3797

■ 27.8568, -17.5621,
11.7925

■ 28.8766, -13.0083,
8.7792

■ 27.4793, -19.3039,
13.0042

■ 29.5204, -10.2335,
7.0066

■ 27.1867, -20.6793,
14.0073

■ 30.2524, -7.1623,
5.0811

■ 26.9744, -21.6956,
14.7999

■ 31.0703, -3.8262,
3.0226

■ 26.8213, -22.4347,
15.3767

■ 31.9716, -0.2578,
0.8513

■ 26.7658, -22.6979,
15.5432

■ 32.9528, 3.5106,
-1.4136

■ 34.0102, 7.4482,
-3.7544

■ 35.1401, 11.5268,
-6.1551

■ 36.3383, 15.7214,
-8.6018

Harmonies

Analogous

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



28.3221, -8.8837, 13.7170



28.3215, -15.4582, 10.3797



28.3221, -18.2525, 3.4538

Triad

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



28.3221, -15.4587, 10.3799



28.3221, -3.5673, -23.4424



28.3221, 18.3878, 7.9915

Complementary

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



28.3215, -15.4582, 10.3797



22.1219, 16.2903, -9.1183

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.



28.3221, 20.3299, -0.5139



28.3215, -15.4582, 10.3797



28.3221, 6.6989, -20.9136

Square

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



28.3221, -15.4587, 10.3799



28.3221, -12.0301, -17.6235



28.3221, 15.7951, -11.5804



28.3221, 10.8060, 12.7117

Rectangle

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



28.3215, -15.4582, 10.3797



28.3221, -17.9179, -3.1930



28.3221, 15.7951, -11.5804



28.3221, 19.7620, 5.5780

Sweetspot

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



28.3221, -15.4587, 10.3799



39.7045, -8.6739, 6.2142



30.5242, -7.1862, 13.2514



19.9108, -4.6722, 3.3180



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.3221, -15.4587, 10.3799



36.3709, -23.1189, 15.5258



28.7059, -13.1838, 4.8236



15.2786, -2.3499, 1.7763



32.4949, -27.6127, 18.9921



76.9736, -65.7200, 45.6603

Inverse Universe

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



22.1219, 16.2903, -9.1183



26.7339, 26.5794, -14.8936



21.4954, 13.3168, -0.3511



14.6530, 0.8128, -0.1761



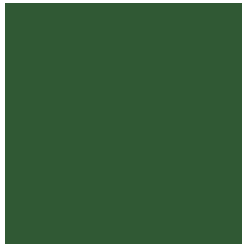
19.9714, 38.4904, -20.3410



47.2578, 90.9578, -47.1936

Previews

White Background



This preview shows how the HunterLab color 28.3215, -15.4582, 10.3797 looks on a white background.

Color Contrast Check

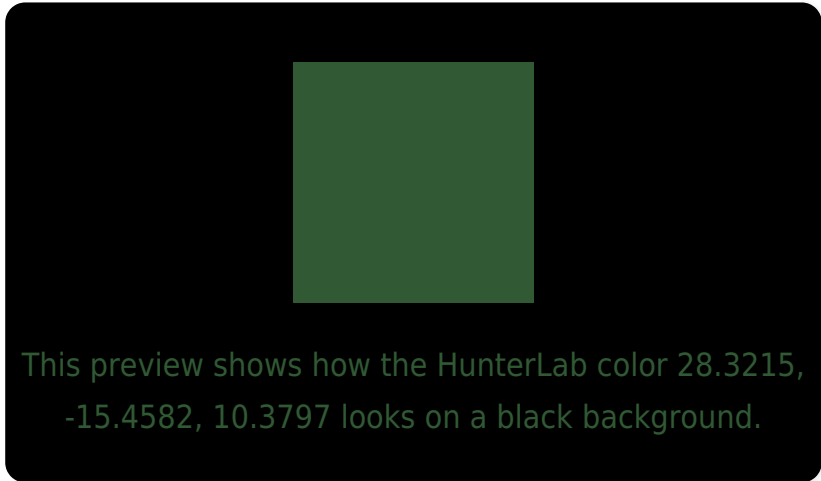
Large Text (above 18pt) WCAG AA ✓ Pass

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

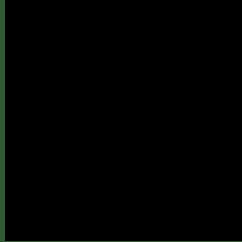
Any Text WCAG AA × Fail

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 28.3215, -15.4582, 10.3797 Background



This preview shows how black text looks on a background with the HunterLab color 28.3215, -15.4582, 10.3797.



This preview shows how white text looks on a background with the HunterLab color 28.3215,

-15.4582, 10.3797.

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

28.3215, -15.4582, 10.3797

Protanopia

28.2435, -3.0836, 11.4794

Deuteranopia

28.0671, 1.7184, 9.6896



Tritanopia

28.1722, -6.9162, -3.5914

Trichromacy



Original Color

28.3215, -15.4582, 10.3797

Protanomaly

27.9727, -8.1425, 10.9352

Deuteranomaly

27.8763, -5.5604, 9.6570

Tritanomaly

28.1927, -10.4905, 2.4228

Monochromacy



Original Color

28.3215, -15.4582, 10.3797

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.5774, -7.1235, 5.0957

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3215, -15.4582, 10.3797 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(48, 89, 52)` looks like.

```
.text, #text, p{  
    color:rgb(48, 89, 52)  
}
```

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(48, 89, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 89, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3215, -15.4582, 10.3797 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(48, 89, 52) }
```


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

```
.border{ border-color:rgb(48, 89, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 89, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 89, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 89, 52);  
box-shadow:4px 4px 4px 4px rgb(48, 89, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3215, -15.4582, 10.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 89, 52) }
```

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

```
.background{ background-color: rgb(48, 89,  
52) }
```

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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