

Converting Colors

HunterLab(28.1857, -15.3093,
4.9102)

Have a look what the booklet for
HunterLab(28.1857, -15.3093,
4.9102) contains.

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Color

**HunterLab(28.1856,
-15.3101, 4.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	235946
RGB	35, 89, 70
RGB Percent	14%, 35%, 27%
CMY	0.8627, 0.6510, 0.7255
CMYK	0.61, 0.00, 0.21, 0.65
HSL	159°, 44%, 24%
HSV	159°, 61%, 35%
XYZ	5.3710, 7.9443, 7.0447
YIQ	70.6880, -26.0850, -17.3570

Conversions

Conversions Part 2

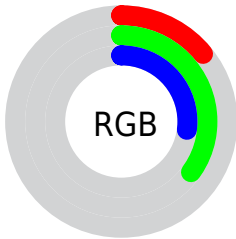
Format	Color
R_YB	35, 68, 89
Decimal	2316614
CIE Lab	33.87, -23.07, 5.69
CIE LCh	34, 23.762, 166.153
Yxy	7.9446, 0.2638, 0.3902
Android (android.graphics.Color)	4280506694 (0xFF235946)
YUV	70.6880, -0.3392, -31.2984
Hunter-Lab	28.1856, -15.3101, 4.9111

Details

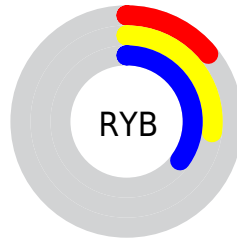
The HunterLab color **28.1856, -15.3101, 4.9111** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.9538, 17.5636, 1.0684**, and the grayscale version is **24.9996, -1.3339, 1.3583**.

A 20% lighter version of the original color is **46.5881, -19.2722, 6.5575**, and **13.4420, -9.4249, 3.5443** is the 20% darker color. If you saturate the color by 10%, you get **27.8741, -16.6947, 5.6323**, and if you desaturate by 10%, it is **28.5677, -13.6657, 4.2342**.

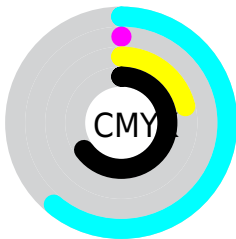
Distribution



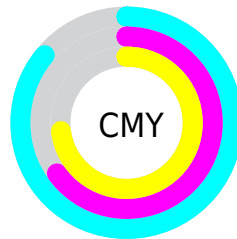
- Red (14%)
- Green (35%)
- Blue (27%)



- Red (14%)
- Yellow (27%)
- Blue (35%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (65%)



- Cyan (86%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1856, -15.3101, 4.9111 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 28.1856, -15.3101, 4.9111 by changing the saturation by 10% instead.

■ 28.1856, -15.3101,
4.9111

■ 28.1856, -15.3101,
4.9111

132.3997,
-31.8862, 13.1124

■ 20.1482, -13.0787,
4.0654

■ 46.7437, -19.3628,
6.6197

■ 13.0649, -10.6068,
3.2083

■ 57.1302, -21.2621,
7.4931

■ 6.5431, -11.4505,
3.9589

■ 68.1891, -23.1069,
8.3831

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.8817, -24.9109,
9.2910

0.0000, NaN, NaN

■ 92.1755, -26.6842,
10.2175

0.0000, NaN, NaN

■ 105.0422,

0.0000, NaN, NaN

-28.4342, 11.1631

0.0000, NaN, NaN

118.4575,
-30.1667, 12.1281

28.1856, -15.3101,
4.9111

28.1856, -15.3101,
4.9111

27.8741, -16.6947,
5.6323

28.5677, -13.6657,
4.2342

27.6283, -17.8209,
6.3873

29.0208, -11.7656,
3.6088

27.4432, -18.7031,
7.1647

29.5463, -9.6206,
3.0422

27.2898, -19.4465,
7.8696

30.1445, -7.2455,
2.5395

30.8145, -4.6586,
2.1045

■ 31.5551, -1.8799,
1.7393

■ 32.3643, 1.0696,
1.4449

■ 33.2398, 4.1690,
1.2209

■ 34.1793, 7.3979,
1.0660

Harmonies

Analogous

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



28.1862, -12.0556, 10.1122



28.1856, -15.3101, 4.9111



28.1862, -15.1786, -2.9939

Triad

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



28.1862, -15.3104, 4.9114



28.1862, 3.0438, -17.1442



28.1862, 10.3438, 10.3901

Complementary

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



28.1856, -15.3101, 4.9111



18.9538, 17.5636, 1.0684

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.



28.1862, 15.4028, 5.4170



28.1856, -15.3101, 4.9111



28.1862, 10.8685, -11.0455

Square

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



28.1862, -15.3104, 4.9114



28.1862, -5.2016, -17.3964



28.1862, 15.6052, -2.3206



28.1862, 2.3915, 12.6034

Rectangle

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



28.1856, -15.3101, 4.9111



28.1862, -13.2021, -8.8961



28.1862, 15.6052, -2.3206



28.1862, 12.4773, 9.0623

Sweetspot

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



28.1862, -15.3104, 4.9114



39.5739, -8.7797, 3.1918



28.4131, -15.5432, 13.9175



19.8354, -4.7467, 1.6669



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.



28.1862, -15.3104, 4.9114



36.2709, -22.5416, 7.8130



26.6146, -9.6960, -4.8254



15.3325, -2.0496, 1.0049



33.1226, -23.7159, 9.7954



78.3942, -56.8917, 24.8269

Inverse Universe

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



18.9538, 17.5636, 1.0684



22.2218, 28.2223, 2.6110



19.7878, 12.8070, 7.6525



14.5949, 0.5005, 0.6498



18.0829, 31.7302, 5.7726



42.6752, 74.5297, 16.3578

Previews

White Background



This preview shows how the HunterLab color 28.1856, -15.3101, 4.9111 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 28.1856, -15.3101, 4.9111 Background



This preview shows how black text looks on a background with the HunterLab color 28.1856, -15.3101, 4.9111.



This preview shows how white text looks on a background with the HunterLab color 28.1856,

-15.3101, 4.9111.

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

28.1856, -15.3101, 4.9111

Protanopia

28.0329, -1.8980, 6.6633

Deuteranopia

28.1294, 1.3885, 4.0716



Tritanopia

28.2126, -9.5131, -4.5456

Trichromacy



Original Color

28.1856, -15.3101, 4.9111

Protanomaly

27.8388, -7.9822, 5.7050

Deuteranomaly

27.6006, -5.8348, 3.7352

Tritanomaly

28.1485, -11.7002, -0.9623

Monochromacy



Original Color

28.1856, -15.3101, 4.9111

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.0830, -7.2761, 2.3942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1856, -15.3101, 4.9111 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(35, 89, 70)` looks like.

```
.text, #text, p{  
    color:rgb(35, 89, 70)  
}
```

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(35, 89, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 89, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1856, -15.3101, 4.9111 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(35, 89, 70) }
```


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

```
.border{ border-color:rgb(35, 89, 70) }
```

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

Here you see how a box with a 4 pixel rgb(35, 89, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 89, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 89, 70);  
box-shadow:4px 4px 4px 4px rgb(35, 89, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.1856, -15.3101, 4.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 89, 70) }
```

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

```
.background{ background-color: rgb(35, 89,  
70) }
```

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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