

Converting Colors

HunterLab(28.6773, -15.7241,
3.0700)

Have a look what the booklet for
HunterLab(28.6773, -15.7241,
3.0700) contains.

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Color

**HunterLab(28.7736,
-15.6922, 2.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	1D5B4D
RGB	29, 91, 77
RGB Percent	11%, 36%, 30%
CMY	0.8863, 0.6431, 0.6980
CMYK	0.68, 0.00, 0.15, 0.64
HSL	166°, 52%, 24%
HSV	166°, 68%, 36%
XYZ	5.5873, 8.2792, 8.3247
YIQ	70.8660, -32.4580, -17.4980

Conversions

Conversions Part 2

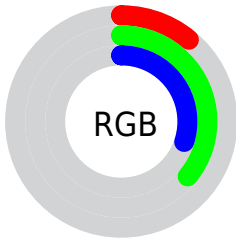
Format	Color
R_{YB}	29, 64, 91
Decimal	1923917
CIE Lab	34.56, -23.51, 2.28
CIE LCh	35, 23.619, 174.452
Yxy	8.2795, 0.2518, 0.3731
Android (android.graphics.Color)	4280113997 (0xFF1D5B4D)
YUV	70.8660, 3.0241, -36.7165
Hunter-Lab	28.7736, -15.6922, 2.9878

Details

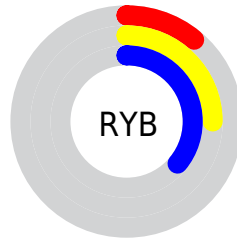
The HunterLab color $[28.7736, -15.6922, 2.9878]$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $[18.1039, 19.4910, 4.0108]$, and the grayscale version is $[25.0528, -1.3368, 1.3612]$.

A 20% lighter version of the original color is $[47.5412, -19.9983, 4.3279]$, and $[13.8245, -9.0189, 2.1898]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.5261, -16.7822, 3.4687]$, and if you desaturate by 10%, it is $[29.0892, -14.3481, 2.5747]$.

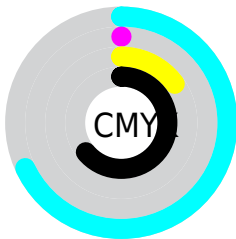
Distribution



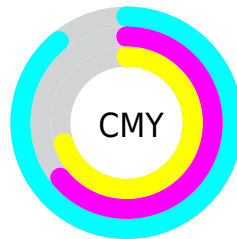
- Red (11%)
- Green (36%)
- Blue (30%)



- Red (11%)
- Yellow (25%)
- Blue (36%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7736, -15.6922, 2.9878 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 28.7736, -15.6922, 2.9878 by changing the saturation by 10% instead.

■ 28.7736, -15.6922,
2.9878

■ 28.7736, -15.6922,
2.9878

■ 133.3823,
-32.4572, 9.6715

■ 20.6744, -13.4369,
2.3906

■ 47.4390, -19.7919,
4.2746

■ 13.5210, -10.9429,
1.8224

■ 57.8734, -21.7137,
4.9627

■ 7.1038, -12.4317,
1.7191

■ 68.9773, -23.5802,
5.6799

0.0000, NaN, NaN

■ 80.7124, -25.4051,
6.4251

0.0000, NaN, NaN

■ 93.0466, -27.1985,
7.1977

0.0000, NaN, NaN

■ 105.9520,

0.0000, NaN, NaN

-28.9680, 7.9968

0.0000, NaN, NaN

119.4043,
-30.7194, 8.8216

28.7736, -15.6922,
2.9878

28.7736, -15.6922,
2.9878

28.5261, -16.7822,
3.4687

29.0892, -14.3481,
2.5747

28.3405, -17.6277,
4.0074

29.4743, -12.7468,
2.2356

28.1891, -18.3372,
4.5688

29.9317, -10.8928,
1.9760

28.1609, -18.4696,
4.6719

30.4622, -8.7958,
1.7995

31.0660, -6.4698,
1.7077

■ 31.7425, -3.9319,
1.7010

■ 32.4903, -1.2015,
1.7781

■ 33.3075, 1.7014,
1.9366

■ 34.1921, 4.7564,
2.1733

Harmonies

Analogous

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



28.7742, -13.3461, 9.0346



28.7736, -15.6922, 2.9878



28.7742, -14.6074, -5.4111

Triad

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



28.7742, -15.6924, 2.9881



28.7742, 5.3326, -15.8479



28.7742, 8.2851, 11.3422

Complementary

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



28.7736, -15.6922, 2.9878



18.1039, 19.4910, 4.0108

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.



28.7742, 14.3848, 7.1416



28.7736, -15.6922, 2.9878



28.7742, 12.5501, -8.6678

Square

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



28.7742, -15.6924, 2.9881



28.7742, -3.0554, -17.8798



28.7742, 16.0272, 0.0679



28.7742, 0.0138, 12.9063

Rectangle

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



28.7736, -15.6922, 2.9878



28.7742, -12.0135, -11.1415



28.7742, 16.0272, 0.0679



28.7742, 10.6930, 10.2610

Sweetspot

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



28.7742, -15.6924, 2.9881



40.4150, -9.2428, 2.2524



28.4516, -18.5527, 14.7843



19.8008, -4.8078, 1.1160



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.



28.7742, -15.6924, 2.9881



37.1350, -22.6866, 4.9784



24.4478, -7.1875, -9.0653



16.1630, -2.1006, 0.8663



34.2499, -22.5513, 5.8724



80.0619, -53.2971, 14.9826

Inverse Universe

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



18.1039, 19.4910, 4.0108



21.2520, 30.6729, 7.3003



20.5690, 11.6929, 9.5282



15.3479, 0.4730, 0.8774



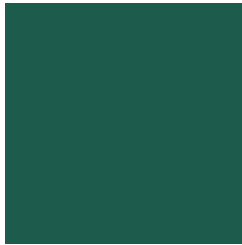
18.3351, 31.7766, 8.9237



42.7698, 73.8575, 22.8853

Previews

White Background



This preview shows how the HunterLab color 28.7736, -15.6922, 2.9878 looks on a white background.

Color Contrast Check

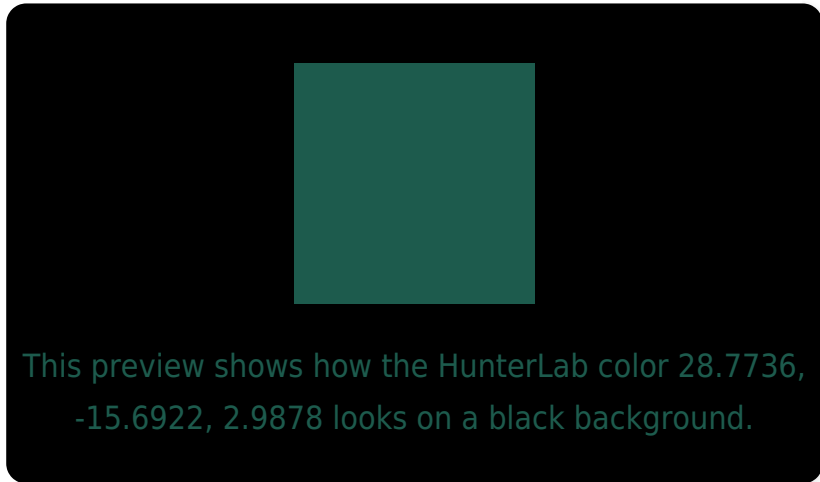
Large Text (above 18pt) WCAG AA ✓ Pass

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

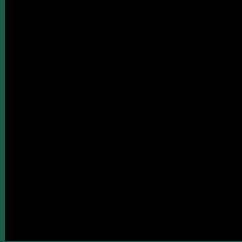
Any Text WCAG AA × Fail

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 28.7736, -15.6922, 2.9878 Background



This preview shows how black text looks on a background with the HunterLab color 28.7736, -15.6922, 2.9878.



This preview shows how white text looks on a background with the HunterLab color 28.7736,

-15.6922, 2.9878.

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

28.7736, -15.6922, 2.9878

Protanopia

28.7820, -1.6321, 5.0773

Deuteranopia

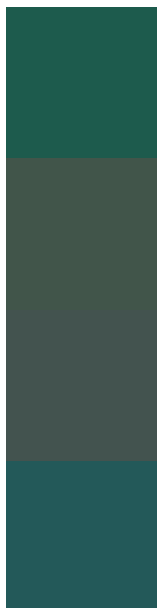
28.5514, 1.8769, 1.8658



Tritanopia

28.6985, -10.4131, -5.3610

Trichromacy



Original Color

28.7736, -15.6922, 2.9878

Protanomaly

28.4872, -8.0931, 3.9283

Deuteranomaly

28.1857, -6.1384, 1.7002

Tritanomaly

28.6764, -12.4083, -2.0878

Monochromacy



Original Color

28.7736, -15.6922, 2.9878

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.0203, -7.4084, 1.5411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7736, -15.6922, 2.9878 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(29, 91, 77)` looks like.

```
.text, #text, p{  
    color:rgb(29, 91, 77)  
}
```

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(29, 91, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 91, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7736, -15.6922, 2.9878 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(29, 91, 77) }
```


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

```
.border{ border-color:rgb(29, 91, 77) }
```

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

Here you see how a box with a 4 pixel rgb(29, 91, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 91, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 91, 77);  
box-shadow:4px 4px 4px 4px rgb(29, 91, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7736, -15.6922, 2.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 91, 77) }
```

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

```
.background{ background-color: rgb(29, 91,  
77) }
```

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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